Příjmení	Stanice	Rok	K-I	K-II	K-III	K-IV	K-V
Bajerová	AS	1961	-0.7	4.9	8.3	13.6	12.7
Bajerová	AS	1962	1.8	1	1.8	11.4	12.5
Bajerová	AS	1963	-6.2	-4.2	3.7	10.8	14.8
Bajerová	AS	1964	-3.4	0.7	1.6	11.3	16.2
Bajerová	AS	1965	2.5	-0.8	3.3	9.1	12.9
Bajerová	AS	1966	-2.7	5.8	5.4	12	15.4
Bajerová	AS	1967	0.4	4	7.2	9.5	15.3
Bajerová	AS	1968	-0.7	2.6	6.4	11.3	13.8
Bajerová	AS	1969	-0.1	-0.3	2.3	9.4	16.9
Bajerová	AS	1970	-1.7	0.6	3.3	8.5	13.5
Bajerová	AS	1971	-2.2	2.8	2.5	10.7	16
Bajerová	AS	1972	-1.4	2.9	7.1	9.5	14.4
Bajerová	AS	1973	0.6	2.7	6	7.4	15.1
Bajerová	AS	1974	3.8	4.5	8.3	10.4	13.9
Bajerová	AS	1975	4.8	1.4	5.6	9.3	14.7
Bajerová	AS	1976	2.1	1.6	2.3	9.4	15.4
Bajerová	AS	1977	0.5	3.3	8	8.1	14.6
Bajerová	AS	1978	2	-0.6	6.5	9.2	13.6
Bajerová	AS	1979	-3.4	0.7	5.9	8.8	15.8
Bajerová	AS	1980	-2.8	3.3	4.5	7.3	12.4
Bajerová	AS	1981	-1.2	1.4	8.6	9.3	15.6
Bajerová	AS	1982	-3.3	0.4	6.2	8.2	15.7
Bajerová	AS	1983	5	-0.8	6.2	11.6	15.1
Bajerová	AS	1984	1.8	0.9	4.1	8.8	13.9
Bajerová	AS	1985	-5	-2.4	4.8	10	16.1
Bajerová	AS	1986	1.3	-4.8	5.1	10.4	17.5
Bajerová	AS	1987	-5.2	0.4	0.8	11.1	12.9
Bajerová	AS	1988	4	3.6	4.1	10.7	17
Bajerová	AS	1989	2.6	4.9	8.7	10.3	16.1
Bajerová	AS	1990	2.5	6.5	9.1	9.6	16.7
Bednařík	BYLNICE	1961	-0.7	4.9	8.3	13.6	12.7
Bednařík	BYLNICE	1962	1.8	1	1.8	11.4	12.5
Bednařík	BYLNICE	1963	-6.2	-4.2	3.7	10.8	14.8
Bednařík	BYLNICE	1964	-3.4	0.7	1.6	11.3	16.2
Bednařík	BYLNICE	1965	2.5	-0.8	3.3	9.1	12.9
Bednařík	BYLNICE	1966	-2.7	5.8	5.4	12	15.4
Bednařík	BYLNICE	1967	0.4	4	7.2	9.5	15.3
Bednařík	BYLNICE	1968	-0.7	2.6	6.4	11.3	13.8
Bednařík	BYLNICE	1969	-0.1	-0.3	2.3	9.4	16.9
Bednařík	BYLNICE	1970	-1.7	0.6	3.3	8.5	13.5
Bednařík	BYLNICE	1971	-2.2	2.8	2.5	10.7	16
Bednařík	BYLNICE	1972	-1.4	2.9	7.1	9.5	14.4
Bednařík	BYLNICE	1973	0.6	2.7	6	7.4	15.1
Bednařík	BYLNICE	1974	3.8	4.5	8.3	10.4	13.9
Bednařík	BYLNICE	1975	4.8	1.4	5.6	9.3	14.7
Bednařík	BYLNICE	1976	2.1	1.6	2.3	9.4	15.4
Bednařík	BYLNICE	1977	0.5	3.3	8	8.1	14.6
Bednařík	BYLNICE	1978	2	-0.6	6.5	9.2	13.6
Bednařík	BYLNICE	1979	-3.4	0.7	5.9	8.8	15.8

Bednařík	BYLNICE	1980	-2.8	3.3	4.5	7.3	12.4
Bednařík	BYLNICE	1981	-1.2	1.4	8.6	9.3	15.6
Bednařík	BYLNICE	1982	-3.3	0.4	6.2	8.2	15.7
Bednařík	BYLNICE	1983	5	-0.8	6.2	11.6	15.1
Bednařík	BYLNICE	1984	1.8	0.9	4.1	8.8	13.9
Bednařík	BYLNICE	1985	-5	-2.4	4.8	10	16.1
Bednařík	BYLNICE	1986	1.3	-4.8	5.1	10.4	17.5
Bednařík	BYLNICE	1987	-5.2	0.4	0.8	11.1	12.9
Bednařík	BYLNICE	1988	4	3.6	4.1	10.7	17
Bednařík	BYLNICE	1989	2.6	4.9	8.7	10.3	16.1
Bednařík	BYLNICE	1990	2.5	6.5	9.1	9.6	16.7
Beranová	BENECKO	1961	-0.7	4.9	8.3	13.6	12.7
Beranová	BENECKO	1962	1.8	1	1.8	11.4	12.5
Beranová	BENECKO	1963	-6.2	-4.2	3.7	10.8	14.8
Beranová	BENECKO	1964	-3.4	0.7	1.6	11.3	16.2
Beranová	BENECKO	1965	2.5	-0.8	3.3	9.1	12.9
Beranová	BENECKO	1966	-2.7	5.8	5.4	12	15.4
Beranová	BENECKO	1967	0.4	4	7.2	9.5	15.3
Beranová	BENECKO	1968	-0.7	2.6	6.4	11.3	13.8
Beranová	BENECKO	1969	-0.1	-0.3	2.3	9.4	16.9
Beranová	BENECKO	1970	-1.7	0.6	3.3	8.5	13.5
Beranová	BENECKO	1971	-2.2	2.8	2.5	10.7	16
Beranová	BENECKO	1972	-1.4	2.9	7.1	9.5	14.4
Beranová	BENECKO	1973	0.6	2.7	6	7.4	15.1
Beranová	BENECKO	1974	3.8	4.5	8.3	10.4	13.9
Beranová	BENECKO	1975	4.8	1.4	5.6	9.3	14.7
Beranová	BENECKO	1976	2.1	1.6	2.3	9.4	15.4
Beranová	BENECKO	1977	0.5	3.3	8	8.1	14.6
Beranová	BENECKO	1978	2	-0.6	6.5	9.2	13.6
Beranová	BENECKO	1979	-3.4	0.7	5.9	8.8	15.8
Beranová	BENECKO	1980	-2.8	3.3	4.5	7.3	12.4
Beranová	BENECKO	1981	-1.2	1.4	8.6	9.3	15.6
Beranová	BENECKO	1982	-3.3	0.4	6.2	8.2	15.7
Beranová	BENECKO	1983	5	-0.8	6.2	11.6	15.1
Beranová	BENECKO	1984	1.8	0.9	4.1	8.8	13.9
Beranová	BENECKO	1985	-5	-2.4	4.8	10	16.1
Beranová	BENECKO	1986	1.3	-4.8	5.1	10.4	17.5
Beranová	BENECKO	1987	-5.2	0.4	0.8	11.1	12.9
Beranová	BENECKO	1988	4	3.6	4.1	10.7	17
Beranová	BENECKO	1989	2.6	4.9	8.7	10.3	16.1
Beranová	BENECKO	1990	2.5	6.5	9.1	9.6	16.7
Bílková	BPHOSTYN	1961	-0.7	4.9	8.3	13.6	12.7
Bílková	BPHOSTYN	1962	1.8	1	1.8	11.4	12.5
Bílková	BPHOSTYN	1963	-6.2	-4.2	3.7	10.8	14.8
Bílková	BPHOSTYN	1964	-3.4	0.7	1.6	11.3	16.2
Bílková	BPHOSTYN	1965	2.5	-0.8	3.3	9.1	12.9
Bílková	BPHOSTYN	1966	-2.7	5.8	5.4	12	15.4
Bílková	BPHOSTYN	1967	0.4	4	7.2	9.5	15.3
Bílková	BPHOSTYN	1968	-0.7	2.6	6.4	11.3	13.8
Bílková	BPHOSTYN	1969	-0.1	-0.3	2.3	9.4	16.9

Bílková	BPHOSTYN	1970	-1.7	0.6	3.3	8.5	13.5
Bílková	BPHOSTYN	1971	-2.2	2.8	2.5	10.7	16
Bílková	BPHOSTYN	1972	-1.4	2.9	7.1	9.5	14.4
Bílková	BPHOSTYN	1973	0.6	2.7	6	7.4	15.1
Bílková	BPHOSTYN	1974	3.8	4.5	8.3	10.4	13.9
Bílková	BPHOSTYN	1975	4.8	1.4	5.6	9.3	14.7
Bílková	BPHOSTYN	1976	2.1	1.6	2.3	9.4	15.4
Bílková	BPHOSTYN	1977	0.5	3.3	8	8.1	14.6
Bílková	BPHOSTYN	1978	2	-0.6	6.5	9.2	13.6
Bílková	BPHOSTYN	1979	-3.4	0.7	5.9	8.8	15.8
Bílková	BPHOSTYN	1980	-2.8	3.3	4.5	7.3	12.4
Bílková	BPHOSTYN	1981	-1.2	1.4	8.6	9.3	15.6
Bílková	BPHOSTYN	1982	-3.3	0.4	6.2	8.2	15.7
Bílková	BPHOSTYN	1983	5	-0.8	6.2	11.6	15.1
Bílková	BPHOSTYN	1984	1.8	0.9	4.1	8.8	13.9
Bílková	BPHOSTYN	1985	-5	-2.4	4.8	10	16.1
Bílková	BPHOSTYN	1986	1.3	-4.8	5.1	10.4	17.5
Bílková	BPHOSTYN	1987	-5.2	0.4	0.8	11.1	12.9
Bílková	BPHOSTYN	1988	4	3.6	4.1	10.7	17
Bílková	BPHOSTYN	1989	2.6	4.9	8.7	10.3	16.1
Bílková	BPHOSTYN	1990	2.5	6.5	9.1	9.6	16.7
Bláhová	BRANDYS	1961	-0.7	4.9	8.3	13.6	12.7
Bláhová	BRANDYS	1962	1.8	1	1.8	11.4	12.5
Bláhová	BRANDYS	1963	-6.2	-4.2	3.7	10.8	14.8
Bláhová	BRANDYS	1964	-3.4	0.7	1.6	11.3	16.2
Bláhová	BRANDYS	1965	2.5	-0.8	3.3	9.1	12.9
Bláhová	BRANDYS	1966	-2.7	5.8	5.4	12	15.4
Bláhová	BRANDYS	1967	0.4	4	7.2	9.5	15.3
Bláhová	BRANDYS	1968	-0.7	2.6	6.4	11.3	13.8
Bláhová	BRANDYS	1969	-0.1	-0.3	2.3	9.4	16.9
Bláhová	BRANDYS	1970	-1.7	0.6	3.3	8.5	13.5
Bláhová	BRANDYS	1971	-2.2	2.8	2.5	10.7	16
Bláhová	BRANDYS	1972	-1.4	2.9	7.1	9.5	14.4
Bláhová	BRANDYS	1973	0.6	2.7	6	7.4	15.1
Bláhová	BRANDYS	1974	3.8	4.5	8.3	10.4	13.9
Bláhová	BRANDYS	1975	4.8	1.4	5.6	9.3	14.7
Bláhová	BRANDYS	1976	2.1	1.6	2.3	9.4	15.4
Bláhová	BRANDYS	1977	0.5	3.3	8	8.1	14.6
Bláhová	BRANDYS	1978	2	-0.6	6.5	9.2	13.6
Bláhová	BRANDYS	1979	-3.4	0.7	5.9	8.8	15.8
Bláhová	BRANDYS	1980	-2.8	3.3	4.5	7.3	12.4
Bláhová	BRANDYS	1981	-1.2	1.4	8.6	9.3	15.6
Bláhová	BRANDYS	1982	-3.3	0.4	6.2	8.2	15.7
Bláhová	BRANDYS	1983	5	-0.8	6.2	11.6	15.1
Bláhová	BRANDYS	1984	1.8	0.9	4.1	8.8	13.9
Bláhová	BRANDYS	1985	-5	-2.4	4.8	10	16.1
Bláhová	BRANDYS	1986	1.3	-4.8	5.1	10.4	17.5
Bláhová	BRANDYS	1987	-5.2	0.4	0.8	11.1	12.9
Bláhová	BRANDYS	1988	4	3.6	4.1	10.7	17
Bláhová	BRANDYS	1989	2.6	4.9	8.7	10.3	16.1

Bláhová	BRANDYS	1990	2.5	6.5	9.1	9.6	16.7
Blatný	BROUMOV	1961	-0.7	4.9	8.3	13.6	12.7
Blatný	BROUMOV	1962	1.8	1	1.8	11.4	12.5
Blatný	BROUMOV	1963	-6.2	-4.2	3.7	10.8	14.8
Blatný	BROUMOV	1964	-3.4	0.7	1.6	11.3	16.2
Blatný	BROUMOV	1965	2.5	-0.8	3.3	9.1	12.9
Blatný	BROUMOV	1966	-2.7	5.8	5.4	12	15.4
Blatný	BROUMOV	1967	0.4	4	7.2	9.5	15.3
Blatný	BROUMOV	1968	-0.7	2.6	6.4	11.3	13.8
Blatný	BROUMOV	1969	-0.1	-0.3	2.3	9.4	16.9
Blatný	BROUMOV	1970	-1.7	0.6	3.3	8.5	13.5
Blatný	BROUMOV	1971	-2.2	2.8	2.5	10.7	16
Blatný	BROUMOV	1972	-1.4	2.9	7.1	9.5	14.4
Blatný	BROUMOV	1973	0.6	2.7	6	7.4	15.1
Blatný	BROUMOV	1974	3.8	4.5	8.3	10.4	13.9
Blatný	BROUMOV	1975	4.8	1.4	5.6	9.3	14.7
Blatný	BROUMOV	1976	2.1	1.6	2.3	9.4	15.4
Blatný	BROUMOV	1977	0.5	3.3	8	8.1	14.6
Blatný	BROUMOV	1978	2	-0.6	6.5	9.2	13.6
Blatný	BROUMOV	1979	-3.4	0.7	5.9	8.8	15.8
Blatný	BROUMOV	1980	-2.8	3.3	4.5	7.3	12.4
Blatný	BROUMOV	1981	-1.2	1.4	8.6	9.3	15.6
Blatný	BROUMOV	1982	-3.3	0.4	6.2	8.2	15.7
Blatný	BROUMOV	1983	5	-0.8	6.2	11.6	15.1
Blatný	BROUMOV	1984	1.8	0.9	4.1	8.8	13.9
Blatný	BROUMOV	1985	-5	-2.4	4.8	10	16.1
Blatný	BROUMOV	1986	1.3	-4.8	5.1	10.4	17.5
Blatný	BROUMOV	1987	-5.2	0.4	0.8	11.1	12.9
Blatný	BROUMOV	1988	4	3.6	4.1	10.7	17
Blatný	BROUMOV	1989	2.6	4.9	8.7	10.3	16.1
Blatný	BROUMOV	1990	2.5	6.5	9.1	9.6	16.7
Bočková	BTURANY	1961	-0.7	4.9	8.3	13.6	12.7
Bočková	BTURANY	1962	1.8	1	1.8	11.4	12.5
Bočková	BTURANY	1963	-6.2	-4.2	3.7	10.8	14.8
Bočková	BTURANY	1964	-3.4	0.7	1.6	11.3	16.2
Bočková	BTURANY	1965	2.5	-0.8	3.3	9.1	12.9
Bočková	BTURANY	1966	-2.7	5.8	5.4	12	15.4
Bočková	BTURANY	1967	0.4	4	7.2	9.5	15.3
Bočková	BTURANY	1968	-0.7	2.6	6.4	11.3	13.8
Bočková	BTURANY	1969	-0.1	-0.3	2.3	9.4	16.9
Bočková	BTURANY	1970	-1.7	0.6	3.3	8.5	13.5
Bočková	BTURANY	1971	-2.2	2.8	2.5	10.7	16
Bočková	BTURANY	1972	-1.4	2.9	7.1	9.5	14.4
Bočková	BTURANY	1973	0.6	2.7	6	7.4	15.1
Bočková	BTURANY	1974	3.8	4.5	8.3	10.4	13.9
Bočková	BTURANY	1975	4.8	1.4	5.6	9.3	14.7
Bočková	BTURANY	1976	2.1	1.6	2.3	9.4	15.4
Bočková	BTURANY	1977	0.5	3.3	8	8.1	14.6
Bočková	BTURANY	1978	2	-0.6	6.5	9.2	13.6
Bočková	BTURANY	1979	-3.4	0.7	5.9	8.8	15.8

Bočková	BTURANY	1980	-2.8	3.3	4.5	7.3	12.4
Bočková	BTURANY	1981	-1.2	1.4	8.6	9.3	15.6
Bočková	BTURANY	1982	-3.3	0.4	6.2	8.2	15.7
Bočková	BTURANY	1983	5	-0.8	6.2	11.6	15.1
Bočková	BTURANY	1984	1.8	0.9	4.1	8.8	13.9
Bočková	BTURANY	1985	-5	-2.4	4.8	10	16.1
Bočková	BTURANY	1986	1.3	-4.8	5.1	10.4	17.5
Bočková	BTURANY	1987	-5.2	0.4	0.8	11.1	12.9
Bočková	BTURANY	1988	4	3.6	4.1	10.7	17
Bočková	BTURANY	1989	2.6	4.9	8.7	10.3	16.1
Bočková	BTURANY	1990	2.5	6.5	9.1	9.6	16.7
Brzobohatý	BYSTRICE	1961	-0.7	4.9	8.3	13.6	12.7
Brzobohatý	BYSTRICE	1962	1.8	1	1.8	11.4	12.5
Brzobohatý	BYSTRICE	1963	-6.2	-4.2	3.7	10.8	14.8
Brzobohatý	BYSTRICE	1964	-3.4	0.7	1.6	11.3	16.2
Brzobohatý	BYSTRICE	1965	2.5	-0.8	3.3	9.1	12.9
Brzobohatý	BYSTRICE	1966	-2.7	5.8	5.4	12	15.4
Brzobohatý	BYSTRICE	1967	0.4	4	7.2	9.5	15.3
Brzobohatý	BYSTRICE	1968	-0.7	2.6	6.4	11.3	13.8
Brzobohatý	BYSTRICE	1969	-0.1	-0.3	2.3	9.4	16.9
Brzobohatý	BYSTRICE	1970	-1.7	0.6	3.3	8.5	13.5
Brzobohatý	BYSTRICE	1971	-2.2	2.8	2.5	10.7	16
Brzobohatý	BYSTRICE	1972	-1.4	2.9	7.1	9.5	14.4
Brzobohatý	BYSTRICE	1973	0.6	2.7	6	7.4	15.1
Brzobohatý	BYSTRICE	1974	3.8	4.5	8.3	10.4	13.9
Brzobohatý	BYSTRICE	1975	4.8	1.4	5.6	9.3	14.7
Brzobohatý	BYSTRICE	1976	2.1	1.6	2.3	9.4	15.4
Brzobohatý	BYSTRICE	1977	0.5	3.3	8	8.1	14.6
Brzobohatý	BYSTRICE	1978	2	-0.6	6.5	9.2	13.6
Brzobohatý	BYSTRICE	1979	-3.4	0.7	5.9	8.8	15.8
Brzobohatý	BYSTRICE	1980	-2.8	3.3	4.5	7.3	12.4
Brzobohatý	BYSTRICE	1981	-1.2	1.4	8.6	9.3	15.6
Brzobohatý	BYSTRICE	1982	-3.3	0.4	6.2	8.2	15.7
Brzobohatý	BYSTRICE	1983	5	-0.8	6.2	11.6	15.1
Brzobohatý	BYSTRICE	1984	1.8	0.9	4.1	8.8	13.9
Brzobohatý	BYSTRICE	1985	-5	-2.4	4.8	10	16.1
Brzobohatý	BYSTRICE	1986	1.3	-4.8	5.1	10.4	17.5
Brzobohatý	BYSTRICE	1987	-5.2	0.4	0.8	11.1	12.9
Brzobohatý	BYSTRICE	1988	4	3.6	4.1	10.7	17
Brzobohatý	BYSTRICE	1989	2.6	4.9	8.7	10.3	16.1
Brzobohatý	BYSTRICE	1990	2.5	6.5	9.1	9.6	16.7
Bučková	CBUDEJOV	1961	-0.7	4.9	8.3	13.6	12.7
Bučková	CBUDEJOV	1962	1.8	1	1.8	11.4	12.5
Bučková	CBUDEJOV	1963	-6.2	-4.2	3.7	10.8	14.8
Bučková	CBUDEJOV	1964	-3.4	0.7	1.6	11.3	16.2
Bučková	CBUDEJOV	1965	2.5	-0.8	3.3	9.1	12.9
Bučková	CBUDEJOV	1966	-2.7	5.8	5.4	12	15.4
Bučková	CBUDEJOV	1967	0.4	4	7.2	9.5	15.3
Bučková	CBUDEJOV	1968	-0.7	2.6	6.4	11.3	13.8
Bučková	CBUDEJOV	1969	-0.1	-0.3	2.3	9.4	16.9

Bučková	CBUDEJOV	1970	-1.7	0.6	3.3	8.5	13.5
Bučková	CBUDEJOV	1971	-2.2	2.8	2.5	10.7	16
Bučková	CBUDEJOV	1972	-1.4	2.9	7.1	9.5	14.4
Bučková	CBUDEJOV	1973	0.6	2.7	6	7.4	15.1
Bučková	CBUDEJOV	1974	3.8	4.5	8.3	10.4	13.9
Bučková	CBUDEJOV	1975	4.8	1.4	5.6	9.3	14.7
Bučková	CBUDEJOV	1976	2.1	1.6	2.3	9.4	15.4
Bučková	CBUDEJOV	1977	0.5	3.3	8	8.1	14.6
Bučková	CBUDEJOV	1978	2	-0.6	6.5	9.2	13.6
Bučková	CBUDEJOV	1979	-3.4	0.7	5.9	8.8	15.8
Bučková	CBUDEJOV	1980	-2.8	3.3	4.5	7.3	12.4
Bučková	CBUDEJOV	1981	-1.2	1.4	8.6	9.3	15.6
Bučková	CBUDEJOV	1982	-3.3	0.4	6.2	8.2	15.7
Bučková	CBUDEJOV	1983	5	-0.8	6.2	11.6	15.1
Bučková	CBUDEJOV	1984	1.8	0.9	4.1	8.8	13.9
Bučková	CBUDEJOV	1985	-5	-2.4	4.8	10	16.1
Bučková	CBUDEJOV	1986	1.3	-4.8	5.1	10.4	17.5
Bučková	CBUDEJOV	1987	-5.2	0.4	0.8	11.1	12.9
Bučková	CBUDEJOV	1988	4	3.6	4.1	10.7	17
Bučková	CBUDEJOV	1989	2.6	4.9	8.7	10.3	16.1
Bučková	CBUDEJOV	1990	2.5	6.5	9.1	9.6	16.7
Bureš	CECHTICE	1961	-0.7	4.9	8.3	13.6	12.7
Bureš	CECHTICE	1962	1.8	1	1.8	11.4	12.5
Bureš	CECHTICE	1963	-6.2	-4.2	3.7	10.8	14.8
Bureš	CECHTICE	1964	-3.4	0.7	1.6	11.3	16.2
Bureš	CECHTICE	1965	2.5	-0.8	3.3	9.1	12.9
Bureš	CECHTICE	1966	-2.7	5.8	5.4	12	15.4
Bureš	CECHTICE	1967	0.4	4	7.2	9.5	15.3
Bureš	CECHTICE	1968	-0.7	2.6	6.4	11.3	13.8
Bureš	CECHTICE	1969	-0.1	-0.3	2.3	9.4	16.9
Bureš	CECHTICE	1970	-1.7	0.6	3.3	8.5	13.5
Bureš	CECHTICE	1971	-2.2	2.8	2.5	10.7	16
Bureš	CECHTICE	1972	-1.4	2.9	7.1	9.5	14.4
Bureš	CECHTICE	1973	0.6	2.7	6	7.4	15.1
Bureš	CECHTICE	1974	3.8	4.5	8.3	10.4	13.9
Bureš	CECHTICE	1975	4.8	1.4	5.6	9.3	14.7
Bureš	CECHTICE	1976	2.1	1.6	2.3	9.4	15.4
Bureš	CECHTICE	1977	0.5	3.3	8	8.1	14.6
Bureš	CECHTICE	1978	2	-0.6	6.5	9.2	13.6
Bureš	CECHTICE	1979	-3.4	0.7	5.9	8.8	15.8
Bureš	CECHTICE	1980	-2.8	3.3	4.5	7.3	12.4
Bureš	CECHTICE	1981	-1.2	1.4	8.6	9.3	15.6
Bureš	CECHTICE	1982	-3.3	0.4	6.2	8.2	15.7
Bureš	CECHTICE	1983	5	-0.8	6.2	11.6	15.1
Bureš	CECHTICE	1984	1.8	0.9	4.1	8.8	13.9
Bureš	CECHTICE	1985	-5	-2.4	4.8	10	16.1
Bureš	CECHTICE	1986	1.3	-4.8	5.1	10.4	17.5
Bureš	CECHTICE	1987	-5.2	0.4	0.8	11.1	12.9
Bureš	CECHTICE	1988	4	3.6	4.1	10.7	17
Bureš	CECHTICE	1989	2.6	4.9	8.7	10.3	16.1

Bureš	CECHTICE	1990	2.5	6.5	9.1	9.6	16.7
Bzdúšek	CERVENA	1961	-0.7	4.9	8.3	13.6	12.7
Bzdúšek	CERVENA	1962	1.8	1	1.8	11.4	12.5
Bzdúšek	CERVENA	1963	-6.2	-4.2	3.7	10.8	14.8
Bzdúšek	CERVENA	1964	-3.4	0.7	1.6	11.3	16.2
Bzdúšek	CERVENA	1965	2.5	-0.8	3.3	9.1	12.9
Bzdúšek	CERVENA	1966	-2.7	5.8	5.4	12	15.4
Bzdúšek	CERVENA	1967	0.4	4	7.2	9.5	15.3
Bzdúšek	CERVENA	1968	-0.7	2.6	6.4	11.3	13.8
Bzdúšek	CERVENA	1969	-0.1	-0.3	2.3	9.4	16.9
Bzdúšek	CERVENA	1970	-1.7	0.6	3.3	8.5	13.5
Bzdúšek	CERVENA	1971	-2.2	2.8	2.5	10.7	16
Bzdúšek	CERVENA	1972	-1.4	2.9	7.1	9.5	14.4
Bzdúšek	CERVENA	1973	0.6	2.7	6	7.4	15.1
Bzdúšek	CERVENA	1974	3.8	4.5	8.3	10.4	13.9
Bzdúšek	CERVENA	1975	4.8	1.4	5.6	9.3	14.7
Bzdúšek	CERVENA	1976	2.1	1.6	2.3	9.4	15.4
Bzdúšek	CERVENA	1977	0.5	3.3	8	8.1	14.6
Bzdúšek	CERVENA	1978	2	-0.6	6.5	9.2	13.6
Bzdúšek	CERVENA	1979	-3.4	0.7	5.9	8.8	15.8
Bzdúšek	CERVENA	1980	-2.8	3.3	4.5	7.3	12.4
Bzdúšek	CERVENA	1981	-1.2	1.4	8.6	9.3	15.6
Bzdúšek	CERVENA	1982	-3.3	0.4	6.2	8.2	15.7
Bzdúšek	CERVENA	1983	5	-0.8	6.2	11.6	15.1
Bzdúšek	CERVENA	1984	1.8	0.9	4.1	8.8	13.9
Bzdúšek	CERVENA	1985	-5	-2.4	4.8	10	16.1
Bzdúšek	CERVENA	1986	1.3	-4.8	5.1	10.4	17.5
Bzdúšek	CERVENA	1987	-5.2	0.4	0.8	11.1	12.9
Bzdúšek	CERVENA	1988	4	3.6	4.1	10.7	17
Bzdúšek	CERVENA	1989	2.6	4.9	8.7	10.3	16.1
Bzdúšek	CERVENA	1990	2.5	6.5	9.1	9.6	16.7
Cabák	DESNA	1961	-0.7	4.9	8.3	13.6	12.7
Cabák	DESNA	1962	1.8	1	1.8	11.4	12.5
Cabák	DESNA	1963	-6.2	-4.2	3.7	10.8	14.8
Cabák	DESNA	1964	-3.4	0.7	1.6	11.3	16.2
Cabák	DESNA	1965	2.5	-0.8	3.3	9.1	12.9
Cabák	DESNA	1966	-2.7	5.8	5.4	12	15.4
Cabák	DESNA	1967	0.4	4	7.2	9.5	15.3
Cabák	DESNA	1968	-0.7	2.6	6.4	11.3	13.8
Cabák	DESNA	1969	-0.1	-0.3	2.3	9.4	16.9
Cabák	DESNA	1970	-1.7	0.6	3.3	8.5	13.5
Cabák	DESNA	1971	-2.2	2.8	2.5	10.7	16
Cabák	DESNA	1972	-1.4	2.9	7.1	9.5	14.4
Cabák	DESNA	1973	0.6	2.7	6	7.4	15.1
Cabák	DESNA	1974	3.8	4.5	8.3	10.4	13.9
Cabák	DESNA	1975	4.8	1.4	5.6	9.3	14.7
Cabák	DESNA	1976	2.1	1.6	2.3	9.4	15.4
Cabák	DESNA	1977	0.5	3.3	8	8.1	14.6
Cabák	DESNA	1978	2	-0.6	6.5	9.2	13.6
Cabák	DESNA	1979	-3.4	0.7	5.9	8.8	15.8

Cabák	DESNA	1980	-2.8	3.3	4.5	7.3	12.4
Cabák	DESNA	1981	-1.2	1.4	8.6	9.3	15.6
Cabák	DESNA	1982	-3.3	0.4	6.2	8.2	15.7
Cabák	DESNA	1983	5	-0.8	6.2	11.6	15.1
Cabák	DESNA	1984	1.8	0.9	4.1	8.8	13.9
Cabák	DESNA	1985	-5	-2.4	4.8	10	16.1
Cabák	DESNA	1986	1.3	-4.8	5.1	10.4	17.5
Cabák	DESNA	1987	-5.2	0.4	0.8	11.1	12.9
Cabák	DESNA	1988	4	3.6	4.1	10.7	17
Cabák	DESNA	1989	2.6	4.9	8.7	10.3	16.1
Cabák	DESNA	1990	2.5	6.5	9.1	9.6	16.7
Čevelová	DOKSANY	1961	-0.7	4.9	8.3	13.6	12.7
Čevelová	DOKSANY	1962	1.8	1	1.8	11.4	12.5
Čevelová	DOKSANY	1963	-6.2	-4.2	3.7	10.8	14.8
Čevelová	DOKSANY	1964	-3.4	0.7	1.6	11.3	16.2
Čevelová	DOKSANY	1965	2.5	-0.8	3.3	9.1	12.9
Čevelová	DOKSANY	1966	-2.7	5.8	5.4	12	15.4
Čevelová	DOKSANY	1967	0.4	4	7.2	9.5	15.3
Čevelová	DOKSANY	1968	-0.7	2.6	6.4	11.3	13.8
Čevelová	DOKSANY	1969	-0.1	-0.3	2.3	9.4	16.9
Čevelová	DOKSANY	1970	-1.7	0.6	3.3	8.5	13.5
Čevelová	DOKSANY	1971	-2.2	2.8	2.5	10.7	16
Čevelová	DOKSANY	1972	-1.4	2.9	7.1	9.5	14.4
Čevelová	DOKSANY	1973	0.6	2.7	6	7.4	15.1
Čevelová	DOKSANY	1974	3.8	4.5	8.3	10.4	13.9
Čevelová	DOKSANY	1975	4.8	1.4	5.6	9.3	14.7
Čevelová	DOKSANY	1976	2.1	1.6	2.3	9.4	15.4
Čevelová	DOKSANY	1977	0.5	3.3	8	8.1	14.6
Čevelová	DOKSANY	1978	2	-0.6	6.5	9.2	13.6
Čevelová	DOKSANY	1979	-3.4	0.7	5.9	8.8	15.8
Čevelová	DOKSANY	1980	-2.8	3.3	4.5	7.3	12.4
Čevelová	DOKSANY	1981	-1.2	1.4	8.6	9.3	15.6
Čevelová	DOKSANY	1982	-3.3	0.4	6.2	8.2	15.7
Čevelová	DOKSANY	1983	5	-0.8	6.2	11.6	15.1
Čevelová	DOKSANY	1984	1.8	0.9	4.1	8.8	13.9
Čevelová	DOKSANY	1985	-5	-2.4	4.8	10	16.1
Čevelová	DOKSANY	1986	1.3	-4.8	5.1	10.4	17.5
Čevelová	DOKSANY	1987	-5.2	0.4	0.8	11.1	12.9
Čevelová	DOKSANY	1988	4	3.6	4.1	10.7	17
Čevelová	DOKSANY	1989	2.6	4.9	8.7	10.3	16.1
Čevelová	DOKSANY	1990	2.5	6.5	9.1	9.6	16.7
Daňková	DOKSY	1961	-0.7	4.9	8.3	13.6	12.7
Daňková	DOKSY	1962	1.8	1	1.8	11.4	12.5
Daňková	DOKSY	1963	-6.2	-4.2	3.7	10.8	14.8
Daňková	DOKSY	1964	-3.4	0.7	1.6	11.3	16.2
Daňková	DOKSY	1965	2.5	-0.8	3.3	9.1	12.9
Daňková	DOKSY	1966	-2.7	5.8	5.4	12	15.4
Daňková	DOKSY	1967	0.4	4	7.2	9.5	15.3
Daňková	DOKSY	1968	-0.7	2.6	6.4	11.3	13.8
Daňková	DOKSY	1969	-0.1	-0.3	2.3	9.4	16.9

Daňková	DOKSY	1970	-1.7	0.6	3.3	8.5	13.5
Daňková	DOKSY	1971	-2.2	2.8	2.5	10.7	16
Daňková	DOKSY	1972	-1.4	2.9	7.1	9.5	14.4
Daňková	DOKSY	1973	0.6	2.7	6	7.4	15.1
Daňková	DOKSY	1974	3.8	4.5	8.3	10.4	13.9
Daňková	DOKSY	1975	4.8	1.4	5.6	9.3	14.7
Daňková	DOKSY	1976	2.1	1.6	2.3	9.4	15.4
Daňková	DOKSY	1977	0.5	3.3	8	8.1	14.6
Daňková	DOKSY	1978	2	-0.6	6.5	9.2	13.6
Daňková	DOKSY	1979	-3.4	0.7	5.9	8.8	15.8
Daňková	DOKSY	1980	-2.8	3.3	4.5	7.3	12.4
Daňková	DOKSY	1981	-1.2	1.4	8.6	9.3	15.6
Daňková	DOKSY	1982	-3.3	0.4	6.2	8.2	15.7
Daňková	DOKSY	1983	5	-0.8	6.2	11.6	15.1
Daňková	DOKSY	1984	1.8	0.9	4.1	8.8	13.9
Daňková	DOKSY	1985	-5	-2.4	4.8	10	16.1
Daňková	DOKSY	1986	1.3	-4.8	5.1	10.4	17.5
Daňková	DOKSY	1987	-5.2	0.4	0.8	11.1	12.9
Daňková	DOKSY	1988	4	3.6	4.1	10.7	17
Daňková	DOKSY	1989	2.6	4.9	8.7	10.3	16.1
Daňková	DOKSY	1990	2.5	6.5	9.1	9.6	16.7
Demovič	HOLESOV	1961	-0.7	4.9	8.3	13.6	12.7
Demovič	HOLESOV	1962	1.8	1	1.8	11.4	12.5
Demovič	HOLESOV	1963	-6.2	-4.2	3.7	10.8	14.8
Demovič	HOLESOV	1964	-3.4	0.7	1.6	11.3	16.2
Demovič	HOLESOV	1965	2.5	-0.8	3.3	9.1	12.9
Demovič	HOLESOV	1966	-2.7	5.8	5.4	12	15.4
Demovič	HOLESOV	1967	0.4	4	7.2	9.5	15.3
Demovič	HOLESOV	1968	-0.7	2.6	6.4	11.3	13.8
Demovič	HOLESOV	1969	-0.1	-0.3	2.3	9.4	16.9
Demovič	HOLESOV	1970	-1.7	0.6	3.3	8.5	13.5
Demovič	HOLESOV	1971	-2.2	2.8	2.5	10.7	16
Demovič	HOLESOV	1972	-1.4	2.9	7.1	9.5	14.4
Demovič	HOLESOV	1973	0.6	2.7	6	7.4	15.1
Demovič	HOLESOV	1974	3.8	4.5	8.3	10.4	13.9
Demovič	HOLESOV	1975	4.8	1.4	5.6	9.3	14.7
Demovič	HOLESOV	1976	2.1	1.6	2.3	9.4	15.4
Demovič	HOLESOV	1977	0.5	3.3	8	8.1	14.6
Demovič	HOLESOV	1978	2	-0.6	6.5	9.2	13.6
Demovič	HOLESOV	1979	-3.4	0.7	5.9	8.8	15.8
Demovič	HOLESOV	1980	-2.8	3.3	4.5	7.3	12.4
Demovič	HOLESOV	1981	-1.2	1.4	8.6	9.3	15.6
Demovič	HOLESOV	1982	-3.3	0.4	6.2	8.2	15.7
Demovič	HOLESOV	1983	5	-0.8	6.2	11.6	15.1
Demovič	HOLESOV	1984	1.8	0.9	4.1	8.8	13.9
Demovič	HOLESOV	1985	-5	-2.4	4.8	10	16.1
Demovič	HOLESOV	1986	1.3	-4.8	5.1	10.4	17.5
Demovič	HOLESOV	1987	-5.2	0.4	0.8	11.1	12.9
Demovič	HOLESOV	1988	4	3.6	4.1	10.7	17
Demovič	HOLESOV	1989	2.6	4.9	8.7	10.3	16.1

Demovič	HOLESOV	1990	2.5	6.5	9.1	9.6	16.7
Dohnal	HOSTOMIC	1961	-0.7	4.9	8.3	13.6	12.7
Dohnal	HOSTOMIC	1962	1.8	1	1.8	11.4	12.5
Dohnal	HOSTOMIC	1963	-6.2	-4.2	3.7	10.8	14.8
Dohnal	HOSTOMIC	1964	-3.4	0.7	1.6	11.3	16.2
Dohnal	HOSTOMIC	1965	2.5	-0.8	3.3	9.1	12.9
Dohnal	HOSTOMIC	1966	-2.7	5.8	5.4	12	15.4
Dohnal	HOSTOMIC	1967	0.4	4	7.2	9.5	15.3
Dohnal	HOSTOMIC	1968	-0.7	2.6	6.4	11.3	13.8
Dohnal	HOSTOMIC	1969	-0.1	-0.3	2.3	9.4	16.9
Dohnal	HOSTOMIC	1970	-1.7	0.6	3.3	8.5	13.5
Dohnal	HOSTOMIC	1971	-2.2	2.8	2.5	10.7	16
Dohnal	HOSTOMIC	1972	-1.4	2.9	7.1	9.5	14.4
Dohnal	HOSTOMIC	1973	0.6	2.7	6	7.4	15.1
Dohnal	HOSTOMIC	1974	3.8	4.5	8.3	10.4	13.9
Dohnal	HOSTOMIC	1975	4.8	1.4	5.6	9.3	14.7
Dohnal	HOSTOMIC	1976	2.1	1.6	2.3	9.4	15.4
Dohnal	HOSTOMIC	1977	0.5	3.3	8	8.1	14.6
Dohnal	HOSTOMIC	1978	2	-0.6	6.5	9.2	13.6
Dohnal	HOSTOMIC	1979	-3.4	0.7	5.9	8.8	15.8
Dohnal	HOSTOMIC	1980	-2.8	3.3	4.5	7.3	12.4
Dohnal	HOSTOMIC	1981	-1.2	1.4	8.6	9.3	15.6
Dohnal	HOSTOMIC	1982	-3.3	0.4	6.2	8.2	15.7
Dohnal	HOSTOMIC	1983	5	-0.8	6.2	11.6	15.1
Dohnal	HOSTOMIC	1984	1.8	0.9	4.1	8.8	13.9
Dohnal	HOSTOMIC	1985	-5	-2.4	4.8	10	16.1
Dohnal	HOSTOMIC	1986	1.3	-4.8	5.1	10.4	17.5
Dohnal	HOSTOMIC	1987	-5.2	0.4	0.8	11.1	12.9
Dohnal	HOSTOMIC	1988	4	3.6	4.1	10.7	17
Dohnal	HOSTOMIC	1989	2.6	4.9	8.7	10.3	16.1
Dohnal	HOSTOMIC	1990	2.5	6.5	9.1	9.6	16.7
Dumpíková	HRADECKR	1961	-0.7	4.9	8.3	13.6	12.7
Dumpíková	HRADECKR	1962	1.8	1	1.8	11.4	12.5
Dumpíková	HRADECKR	1963	-6.2	-4.2	3.7	10.8	14.8
Dumpíková	HRADECKR	1964	-3.4	0.7	1.6	11.3	16.2
Dumpíková	HRADECKR	1965	2.5	-0.8	3.3	9.1	12.9
Dumpíková	HRADECKR	1966	-2.7	5.8	5.4	12	15.4
Dumpíková	HRADECKR	1967	0.4	4	7.2	9.5	15.3
Dumpíková	HRADECKR	1968	-0.7	2.6	6.4	11.3	13.8
Dumpíková	HRADECKR	1969	-0.1	-0.3	2.3	9.4	16.9
Dumpíková	HRADECKR	1970	-1.7	0.6	3.3	8.5	13.5
Dumpíková	HRADECKR	1971	-2.2	2.8	2.5	10.7	16
Dumpíková	HRADECKR	1972	-1.4	2.9	7.1	9.5	14.4
Dumpíková	HRADECKR	1973	0.6	2.7	6	7.4	15.1
Dumpíková	HRADECKR	1974	3.8	4.5	8.3	10.4	13.9
Dumpíková	HRADECKR	1975	4.8	1.4	5.6	9.3	14.7
Dumpíková	HRADECKR	1976	2.1	1.6	2.3	9.4	15.4
Dumpíková	HRADECKR	1977	0.5	3.3	8	8.1	14.6
Dumpíková	HRADECKR	1978	2	-0.6	6.5	9.2	13.6
Dumpíková	HRADECKR	1979	-3.4	0.7	5.9	8.8	15.8

Dumpíková	HRADECKR	1980	-2.8	3.3	4.5	7.3	12.4
Dumpíková	HRADECKR	1981	-1.2	1.4	8.6	9.3	15.6
Dumpíková	HRADECKR	1982	-3.3	0.4	6.2	8.2	15.7
Dumpíková	HRADECKR	1983	5	-0.8	6.2	11.6	15.1
Dumpíková	HRADECKR	1984	1.8	0.9	4.1	8.8	13.9
Dumpíková	HRADECKR	1985	-5	-2.4	4.8	10	16.1
Dumpíková	HRADECKR	1986	1.3	-4.8	5.1	10.4	17.5
Dumpíková	HRADECKR	1987	-5.2	0.4	0.8	11.1	12.9
Dumpíková	HRADECKR	1988	4	3.6	4.1	10.7	17
Dumpíková	HRADECKR	1989	2.6	4.9	8.7	10.3	16.1
Dumpíková	HRADECKR	1990	2.5	6.5	9.1	9.6	16.7
Fila	HUSINEC	1961	-0.7	4.9	8.3	13.6	12.7
Fila	HUSINEC	1962	1.8	1	1.8	11.4	12.5
Fila	HUSINEC	1963	-6.2	-4.2	3.7	10.8	14.8
Fila	HUSINEC	1964	-3.4	0.7	1.6	11.3	16.2
Fila	HUSINEC	1965	2.5	-0.8	3.3	9.1	12.9
Fila	HUSINEC	1966	-2.7	5.8	5.4	12	15.4
Fila	HUSINEC	1967	0.4	4	7.2	9.5	15.3
Fila	HUSINEC	1968	-0.7	2.6	6.4	11.3	13.8
Fila	HUSINEC	1969	-0.1	-0.3	2.3	9.4	16.9
Fila	HUSINEC	1970	-1.7	0.6	3.3	8.5	13.5
Fila	HUSINEC	1971	-2.2	2.8	2.5	10.7	16
Fila	HUSINEC	1972	-1.4	2.9	7.1	9.5	14.4
Fila	HUSINEC	1973	0.6	2.7	6	7.4	15.1
Fila	HUSINEC	1974	3.8	4.5	8.3	10.4	13.9
Fila	HUSINEC	1975	4.8	1.4	5.6	9.3	14.7
Fila	HUSINEC	1976	2.1	1.6	2.3	9.4	15.4
Fila	HUSINEC	1977	0.5	3.3	8	8.1	14.6
Fila	HUSINEC	1978	2	-0.6	6.5	9.2	13.6
Fila	HUSINEC	1979	-3.4	0.7	5.9	8.8	15.8
Fila	HUSINEC	1980	-2.8	3.3	4.5	7.3	12.4
Fila	HUSINEC	1981	-1.2	1.4	8.6	9.3	15.6
Fila	HUSINEC	1982	-3.3	0.4	6.2	8.2	15.7
Fila	HUSINEC	1983	5	-0.8	6.2	11.6	15.1
Fila	HUSINEC	1984	1.8	0.9	4.1	8.8	13.9
Fila	HUSINEC	1985	-5	-2.4	4.8	10	16.1
Fila	HUSINEC	1986	1.3	-4.8	5.1	10.4	17.5
Fila	HUSINEC	1987	-5.2	0.4	0.8	11.1	12.9
Fila	HUSINEC	1988	4	3.6	4.1	10.7	17
Fila	HUSINEC	1989	2.6	4.9	8.7	10.3	16.1
Fila	HUSINEC	1990	2.5	6.5	9.1	9.6	16.7
Forman	CHEB	1961	-0.7	4.9	8.3	13.6	12.7
Forman	CHEB	1962	1.8	1	1.8	11.4	12.5
Forman	CHEB	1963	-6.2	-4.2	3.7	10.8	14.8
Forman	CHEB	1964	-3.4	0.7	1.6	11.3	16.2
Forman	CHEB	1965	2.5	-0.8	3.3	9.1	12.9
Forman	CHEB	1966	-2.7	5.8	5.4	12	15.4
Forman	CHEB	1967	0.4	4	7.2	9.5	15.3
Forman	CHEB	1968	-0.7	2.6	6.4	11.3	13.8
Forman	CHEB	1969	-0.1	-0.3	2.3	9.4	16.9

Forman	CHEB	1970	-1.7	0.6	3.3	8.5	13.5
Forman	CHEB	1971	-2.2	2.8	2.5	10.7	16
Forman	CHEB	1972	-1.4	2.9	7.1	9.5	14.4
Forman	CHEB	1973	0.6	2.7	6	7.4	15.1
Forman	CHEB	1974	3.8	4.5	8.3	10.4	13.9
Forman	CHEB	1975	4.8	1.4	5.6	9.3	14.7
Forman	CHEB	1976	2.1	1.6	2.3	9.4	15.4
Forman	CHEB	1977	0.5	3.3	8	8.1	14.6
Forman	CHEB	1978	2	-0.6	6.5	9.2	13.6
Forman	CHEB	1979	-3.4	0.7	5.9	8.8	15.8
Forman	CHEB	1980	-2.8	3.3	4.5	7.3	12.4
Forman	CHEB	1981	-1.2	1.4	8.6	9.3	15.6
Forman	CHEB	1982	-3.3	0.4	6.2	8.2	15.7
Forman	CHEB	1983	5	-0.8	6.2	11.6	15.1
Forman	CHEB	1984	1.8	0.9	4.1	8.8	13.9
Forman	CHEB	1985	-5	-2.4	4.8	10	16.1
Forman	CHEB	1986	1.3	-4.8	5.1	10.4	17.5
Forman	CHEB	1987	-5.2	0.4	0.8	11.1	12.9
Forman	CHEB	1988	4	3.6	4.1	10.7	17
Forman	CHEB	1989	2.6	4.9	8.7	10.3	16.1
Forman	CHEB	1990	2.5	6.5	9.1	9.6	16.7
Fukalová	CHOTUSIC	1961	-0.7	4.9	8.3	13.6	12.7
Fukalová	CHOTUSIC	1962	1.8	1	1.8	11.4	12.5
Fukalová	CHOTUSIC	1963	-6.2	-4.2	3.7	10.8	14.8
Fukalová	CHOTUSIC	1964	-3.4	0.7	1.6	11.3	16.2
Fukalová	CHOTUSIC	1965	2.5	-0.8	3.3	9.1	12.9
Fukalová	CHOTUSIC	1966	-2.7	5.8	5.4	12	15.4
Fukalová	CHOTUSIC	1967	0.4	4	7.2	9.5	15.3
Fukalová	CHOTUSIC	1968	-0.7	2.6	6.4	11.3	13.8
Fukalová	CHOTUSIC	1969	-0.1	-0.3	2.3	9.4	16.9
Fukalová	CHOTUSIC	1970	-1.7	0.6	3.3	8.5	13.5
Fukalová	CHOTUSIC	1971	-2.2	2.8	2.5	10.7	16
Fukalová	CHOTUSIC	1972	-1.4	2.9	7.1	9.5	14.4
Fukalová	CHOTUSIC	1973	0.6	2.7	6	7.4	15.1
Fukalová	CHOTUSIC	1974	3.8	4.5	8.3	10.4	13.9
Fukalová	CHOTUSIC	1975	4.8	1.4	5.6	9.3	14.7
Fukalová	CHOTUSIC	1976	2.1	1.6	2.3	9.4	15.4
Fukalová	CHOTUSIC	1977	0.5	3.3	8	8.1	14.6
Fukalová	CHOTUSIC	1978	2	-0.6	6.5	9.2	13.6
Fukalová	CHOTUSIC	1979	-3.4	0.7	5.9	8.8	15.8
Fukalová	CHOTUSIC	1980	-2.8	3.3	4.5	7.3	12.4
Fukalová	CHOTUSIC	1981	-1.2	1.4	8.6	9.3	15.6
Fukalová	CHOTUSIC	1982	-3.3	0.4	6.2	8.2	15.7
Fukalová	CHOTUSIC	1983	5	-0.8	6.2	11.6	15.1
Fukalová	CHOTUSIC	1984	1.8	0.9	4.1	8.8	13.9
Fukalová	CHOTUSIC	1985	-5	-2.4	4.8	10	16.1
Fukalová	CHOTUSIC	1986	1.3	-4.8	5.1	10.4	17.5
Fukalová	CHOTUSIC	1987	-5.2	0.4	0.8	11.1	12.9
Fukalová	CHOTUSIC	1988	4	3.6	4.1	10.7	17
Fukalová	CHOTUSIC	1989	2.6	4.9	8.7	10.3	16.1

Fukalová	CHOTUSIC	1990	2.5	6.5	9.1	9.6	16.7
Fulajtárová	CHURANOV	1961	-0.7	4.9	8.3	13.6	12.7
Fulajtárová	CHURANOV	1962	1.8	1	1.8	11.4	12.5
Fulajtárová	CHURANOV	1963	-6.2	-4.2	3.7	10.8	14.8
Fulajtárová	CHURANOV	1964	-3.4	0.7	1.6	11.3	16.2
Fulajtárová	CHURANOV	1965	2.5	-0.8	3.3	9.1	12.9
Fulajtárová	CHURANOV	1966	-2.7	5.8	5.4	12	15.4
Fulajtárová	CHURANOV	1967	0.4	4	7.2	9.5	15.3
Fulajtárová	CHURANOV	1968	-0.7	2.6	6.4	11.3	13.8
Fulajtárová	CHURANOV	1969	-0.1	-0.3	2.3	9.4	16.9
Fulajtárová	CHURANOV	1970	-1.7	0.6	3.3	8.5	13.5
Fulajtárová	CHURANOV	1971	-2.2	2.8	2.5	10.7	16
Fulajtárová	CHURANOV	1972	-1.4	2.9	7.1	9.5	14.4
Fulajtárová	CHURANOV	1973	0.6	2.7	6	7.4	15.1
Fulajtárová	CHURANOV	1974	3.8	4.5	8.3	10.4	13.9
Fulajtárová	CHURANOV	1975	4.8	1.4	5.6	9.3	14.7
Fulajtárová	CHURANOV	1976	2.1	1.6	2.3	9.4	15.4
Fulajtárová	CHURANOV	1977	0.5	3.3	8	8.1	14.6
Fulajtárová	CHURANOV	1978	2	-0.6	6.5	9.2	13.6
Fulajtárová	CHURANOV	1979	-3.4	0.7	5.9	8.8	15.8
Fulajtárová	CHURANOV	1980	-2.8	3.3	4.5	7.3	12.4
Fulajtárová	CHURANOV	1981	-1.2	1.4	8.6	9.3	15.6
Fulajtárová	CHURANOV	1982	-3.3	0.4	6.2	8.2	15.7
Fulajtárová	CHURANOV	1983	5	-0.8	6.2	11.6	15.1
Fulajtárová	CHURANOV	1984	1.8	0.9	4.1	8.8	13.9
Fulajtárová	CHURANOV	1985	-5	-2.4	4.8	10	16.1
Fulajtárová	CHURANOV	1986	1.3	-4.8	5.1	10.4	17.5
Fulajtárová	CHURANOV	1987	-5.2	0.4	0.8	11.1	12.9
Fulajtárová	CHURANOV	1988	4	3.6	4.1	10.7	17
Fulajtárová	CHURANOV	1989	2.6	4.9	8.7	10.3	16.1
Fulajtárová	CHURANOV	1990	2.5	6.5	9.1	9.6	16.7
Goldman	IVANOVIC	1961	-0.7	4.9	8.3	13.6	12.7
Goldman	IVANOVIC	1962	1.8	1	1.8	11.4	12.5
Goldman	IVANOVIC	1963	-6.2	-4.2	3.7	10.8	14.8
Goldman	IVANOVIC	1964	-3.4	0.7	1.6	11.3	16.2
Goldman	IVANOVIC	1965	2.5	-0.8	3.3	9.1	12.9
Goldman	IVANOVIC	1966	-2.7	5.8	5.4	12	15.4
Goldman	IVANOVIC	1967	0.4	4	7.2	9.5	15.3
Goldman	IVANOVIC	1968	-0.7	2.6	6.4	11.3	13.8
Goldman	IVANOVIC	1969	-0.1	-0.3	2.3	9.4	16.9
Goldman	IVANOVIC	1970	-1.7	0.6	3.3	8.5	13.5
Goldman	IVANOVIC	1971	-2.2	2.8	2.5	10.7	16
Goldman	IVANOVIC	1972	-1.4	2.9	7.1	9.5	14.4
Goldman	IVANOVIC	1973	0.6	2.7	6	7.4	15.1
Goldman	IVANOVIC	1974	3.8	4.5	8.3	10.4	13.9
Goldman	IVANOVIC	1975	4.8	1.4	5.6	9.3	14.7
Goldman	IVANOVIC	1976	2.1	1.6	2.3	9.4	15.4
Goldman	IVANOVIC	1977	0.5	3.3	8	8.1	14.6
Goldman	IVANOVIC	1978	2	-0.6	6.5	9.2	13.6
Goldman	IVANOVIC	1979	-3.4	0.7	5.9	8.8	15.8

Goldman	IVANOVIC	1980	-2.8	3.3	4.5	7.3	12.4
Goldman	IVANOVIC	1981	-1.2	1.4	8.6	9.3	15.6
Goldman	IVANOVIC	1982	-3.3	0.4	6.2	8.2	15.7
Goldman	IVANOVIC	1983	5	-0.8	6.2	11.6	15.1
Goldman	IVANOVIC	1984	1.8	0.9	4.1	8.8	13.9
Goldman	IVANOVIC	1985	-5	-2.4	4.8	10	16.1
Goldman	IVANOVIC	1986	1.3	-4.8	5.1	10.4	17.5
Goldman	IVANOVIC	1987	-5.2	0.4	0.8	11.1	12.9
Goldman	IVANOVIC	1988	4	3.6	4.1	10.7	17
Goldman	IVANOVIC	1989	2.6	4.9	8.7	10.3	16.1
Goldman	IVANOVIC	1990	2.5	6.5	9.1	9.6	16.7
Gorný	JHRADEC	1961	-0.7	4.9	8.3	13.6	12.7
Gorný	JHRADEC	1962	1.8	1	1.8	11.4	12.5
Gorný	JHRADEC	1963	-6.2	-4.2	3.7	10.8	14.8
Gorný	JHRADEC	1964	-3.4	0.7	1.6	11.3	16.2
Gorný	JHRADEC	1965	2.5	-0.8	3.3	9.1	12.9
Gorný	JHRADEC	1966	-2.7	5.8	5.4	12	15.4
Gorný	JHRADEC	1967	0.4	4	7.2	9.5	15.3
Gorný	JHRADEC	1968	-0.7	2.6	6.4	11.3	13.8
Gorný	JHRADEC	1969	-0.1	-0.3	2.3	9.4	16.9
Gorný	JHRADEC	1970	-1.7	0.6	3.3	8.5	13.5
Gorný	JHRADEC	1971	-2.2	2.8	2.5	10.7	16
Gorný	JHRADEC	1972	-1.4	2.9	7.1	9.5	14.4
Gorný	JHRADEC	1973	0.6	2.7	6	7.4	15.1
Gorný	JHRADEC	1974	3.8	4.5	8.3	10.4	13.9
Gorný	JHRADEC	1975	4.8	1.4	5.6	9.3	14.7
Gorný	JHRADEC	1976	2.1	1.6	2.3	9.4	15.4
Gorný	JHRADEC	1977	0.5	3.3	8	8.1	14.6
Gorný	JHRADEC	1978	2	-0.6	6.5	9.2	13.6
Gorný	JHRADEC	1979	-3.4	0.7	5.9	8.8	15.8
Gorný	JHRADEC	1980	-2.8	3.3	4.5	7.3	12.4
Gorný	JHRADEC	1981	-1.2	1.4	8.6	9.3	15.6
Gorný	JHRADEC	1982	-3.3	0.4	6.2	8.2	15.7
Gorný	JHRADEC	1983	5	-0.8	6.2	11.6	15.1
Gorný	JHRADEC	1984	1.8	0.9	4.1	8.8	13.9
Gorný	JHRADEC	1985	-5	-2.4	4.8	10	16.1
Gorný	JHRADEC	1986	1.3	-4.8	5.1	10.4	17.5
Gorný	JHRADEC	1987	-5.2	0.4	0.8	11.1	12.9
Gorný	JHRADEC	1988	4	3.6	4.1	10.7	17
Gorný	JHRADEC	1989	2.6	4.9	8.7	10.3	16.1
Gorný	JHRADEC	1990	2.5	6.5	9.1	9.6	16.7
Gracias	KLATOVY	1961	-0.7	4.9	8.3	13.6	12.7
Gracias	KLATOVY	1962	1.8	1	1.8	11.4	12.5
Gracias	KLATOVY	1963	-6.2	-4.2	3.7	10.8	14.8
Gracias	KLATOVY	1964	-3.4	0.7	1.6	11.3	16.2
Gracias	KLATOVY	1965	2.5	-0.8	3.3	9.1	12.9
Gracias	KLATOVY	1966	-2.7	5.8	5.4	12	15.4
Gracias	KLATOVY	1967	0.4	4	7.2	9.5	15.3
Gracias	KLATOVY	1968	-0.7	2.6	6.4	11.3	13.8
Gracias	KLATOVY	1969	-0.1	-0.3	2.3	9.4	16.9

Gracias	KLATOVY	1970	-1.7	0.6	3.3	8.5	13.5
Gracias	KLATOVY	1971	-2.2	2.8	2.5	10.7	16
Gracias	KLATOVY	1972	-1.4	2.9	7.1	9.5	14.4
Gracias	KLATOVY	1973	0.6	2.7	6	7.4	15.1
Gracias	KLATOVY	1974	3.8	4.5	8.3	10.4	13.9
Gracias	KLATOVY	1975	4.8	1.4	5.6	9.3	14.7
Gracias	KLATOVY	1976	2.1	1.6	2.3	9.4	15.4
Gracias	KLATOVY	1977	0.5	3.3	8	8.1	14.6
Gracias	KLATOVY	1978	2	-0.6	6.5	9.2	13.6
Gracias	KLATOVY	1979	-3.4	0.7	5.9	8.8	15.8
Gracias	KLATOVY	1980	-2.8	3.3	4.5	7.3	12.4
Gracias	KLATOVY	1981	-1.2	1.4	8.6	9.3	15.6
Gracias	KLATOVY	1982	-3.3	0.4	6.2	8.2	15.7
Gracias	KLATOVY	1983	5	-0.8	6.2	11.6	15.1
Gracias	KLATOVY	1984	1.8	0.9	4.1	8.8	13.9
Gracias	KLATOVY	1985	-5	-2.4	4.8	10	16.1
Gracias	KLATOVY	1986	1.3	-4.8	5.1	10.4	17.5
Gracias	KLATOVY	1987	-5.2	0.4	0.8	11.1	12.9
Gracias	KLATOVY	1988	4	3.6	4.1	10.7	17
Gracias	KLATOVY	1989	2.6	4.9	8.7	10.3	16.1
Gracias	KLATOVY	1990	2.5	6.5	9.1	9.6	16.7
Hakl	KOSTMYSL	1961	-0.7	4.9	8.3	13.6	12.7
Hakl	KOSTMYSL	1962	1.8	1	1.8	11.4	12.5
Hakl	KOSTMYSL	1963	-6.2	-4.2	3.7	10.8	14.8
Hakl	KOSTMYSL	1964	-3.4	0.7	1.6	11.3	16.2
Hakl	KOSTMYSL	1965	2.5	-0.8	3.3	9.1	12.9
Hakl	KOSTMYSL	1966	-2.7	5.8	5.4	12	15.4
Hakl	KOSTMYSL	1967	0.4	4	7.2	9.5	15.3
Hakl	KOSTMYSL	1968	-0.7	2.6	6.4	11.3	13.8
Hakl	KOSTMYSL	1969	-0.1	-0.3	2.3	9.4	16.9
Hakl	KOSTMYSL	1970	-1.7	0.6	3.3	8.5	13.5
Hakl	KOSTMYSL	1971	-2.2	2.8	2.5	10.7	16
Hakl	KOSTMYSL	1972	-1.4	2.9	7.1	9.5	14.4
Hakl	KOSTMYSL	1973	0.6	2.7	6	7.4	15.1
Hakl	KOSTMYSL	1974	3.8	4.5	8.3	10.4	13.9
Hakl	KOSTMYSL	1975	4.8	1.4	5.6	9.3	14.7
Hakl	KOSTMYSL	1976	2.1	1.6	2.3	9.4	15.4
Hakl	KOSTMYSL	1977	0.5	3.3	8	8.1	14.6
Hakl	KOSTMYSL	1978	2	-0.6	6.5	9.2	13.6
Hakl	KOSTMYSL	1979	-3.4	0.7	5.9	8.8	15.8
Hakl	KOSTMYSL	1980	-2.8	3.3	4.5	7.3	12.4
Hakl	KOSTMYSL	1981	-1.2	1.4	8.6	9.3	15.6
Hakl	KOSTMYSL	1982	-3.3	0.4	6.2	8.2	15.7
Hakl	KOSTMYSL	1983	5	-0.8	6.2	11.6	15.1
Hakl	KOSTMYSL	1984	1.8	0.9	4.1	8.8	13.9
Hakl	KOSTMYSL	1985	-5	-2.4	4.8	10	16.1
Hakl	KOSTMYSL	1986	1.3	-4.8	5.1	10.4	17.5
Hakl	KOSTMYSL	1987	-5.2	0.4	0.8	11.1	12.9
Hakl	KOSTMYSL	1988	4	3.6	4.1	10.7	17
Hakl	KOSTMYSL	1989	2.6	4.9	8.7	10.3	16.1

Hakl	KOSTMYSL	1990	2.5	6.5	9.1	9.6	16.7
Haluza	KRALOVIC	1961	-0.7	4.9	8.3	13.6	12.7
Haluza	KRALOVIC	1962	1.8	1	1.8	11.4	12.5
Haluza	KRALOVIC	1963	-6.2	-4.2	3.7	10.8	14.8
Haluza	KRALOVIC	1964	-3.4	0.7	1.6	11.3	16.2
Haluza	KRALOVIC	1965	2.5	-0.8	3.3	9.1	12.9
Haluza	KRALOVIC	1966	-2.7	5.8	5.4	12	15.4
Haluza	KRALOVIC	1967	0.4	4	7.2	9.5	15.3
Haluza	KRALOVIC	1968	-0.7	2.6	6.4	11.3	13.8
Haluza	KRALOVIC	1969	-0.1	-0.3	2.3	9.4	16.9
Haluza	KRALOVIC	1970	-1.7	0.6	3.3	8.5	13.5
Haluza	KRALOVIC	1971	-2.2	2.8	2.5	10.7	16
Haluza	KRALOVIC	1972	-1.4	2.9	7.1	9.5	14.4
Haluza	KRALOVIC	1973	0.6	2.7	6	7.4	15.1
Haluza	KRALOVIC	1974	3.8	4.5	8.3	10.4	13.9
Haluza	KRALOVIC	1975	4.8	1.4	5.6	9.3	14.7
Haluza	KRALOVIC	1976	2.1	1.6	2.3	9.4	15.4
Haluza	KRALOVIC	1977	0.5	3.3	8	8.1	14.6
Haluza	KRALOVIC	1978	2	-0.6	6.5	9.2	13.6
Haluza	KRALOVIC	1979	-3.4	0.7	5.9	8.8	15.8
Haluza	KRALOVIC	1980	-2.8	3.3	4.5	7.3	12.4
Haluza	KRALOVIC	1981	-1.2	1.4	8.6	9.3	15.6
Haluza	KRALOVIC	1982	-3.3	0.4	6.2	8.2	15.7
Haluza	KRALOVIC	1983	5	-0.8	6.2	11.6	15.1
Haluza	KRALOVIC	1984	1.8	0.9	4.1	8.8	13.9
Haluza	KRALOVIC	1985	-5	-2.4	4.8	10	16.1
Haluza	KRALOVIC	1986	1.3	-4.8	5.1	10.4	17.5
Haluza	KRALOVIC	1987	-5.2	0.4	0.8	11.1	12.9
Haluza	KRALOVIC	1988	4	3.6	4.1	10.7	17
Haluza	KRALOVIC	1989	2.6	4.9	8.7	10.3	16.1
Haluza	KRALOVIC	1990	2.5	6.5	9.1	9.6	16.7
Hermann	KUCHAROV	1961	-0.7	4.9	8.3	13.6	12.7
Hermann	KUCHAROV	1962	1.8	1	1.8	11.4	12.5
Hermann	KUCHAROV	1963	-6.2	-4.2	3.7	10.8	14.8
Hermann	KUCHAROV	1964	-3.4	0.7	1.6	11.3	16.2
Hermann	KUCHAROV	1965	2.5	-0.8	3.3	9.1	12.9
Hermann	KUCHAROV	1966	-2.7	5.8	5.4	12	15.4
Hermann	KUCHAROV	1967	0.4	4	7.2	9.5	15.3
Hermann	KUCHAROV	1968	-0.7	2.6	6.4	11.3	13.8
Hermann	KUCHAROV	1969	-0.1	-0.3	2.3	9.4	16.9
Hermann	KUCHAROV	1970	-1.7	0.6	3.3	8.5	13.5
Hermann	KUCHAROV	1971	-2.2	2.8	2.5	10.7	16
Hermann	KUCHAROV	1972	-1.4	2.9	7.1	9.5	14.4
Hermann	KUCHAROV	1973	0.6	2.7	6	7.4	15.1
Hermann	KUCHAROV	1974	3.8	4.5	8.3	10.4	13.9
Hermann	KUCHAROV	1975	4.8	1.4	5.6	9.3	14.7
Hermann	KUCHAROV	1976	2.1	1.6	2.3	9.4	15.4
Hermann	KUCHAROV	1977	0.5	3.3	8	8.1	14.6
Hermann	KUCHAROV	1978	2	-0.6	6.5	9.2	13.6
Hermann	KUCHAROV	1979	-3.4	0.7	5.9	8.8	15.8

Hermann	KUCHAROV	1980	-2.8	3.3	4.5	7.3	12.4
Hermann	KUCHAROV	1981	-1.2	1.4	8.6	9.3	15.6
Hermann	KUCHAROV	1982	-3.3	0.4	6.2	8.2	15.7
Hermann	KUCHAROV	1983	5	-0.8	6.2	11.6	15.1
Hermann	KUCHAROV	1984	1.8	0.9	4.1	8.8	13.9
Hermann	KUCHAROV	1985	-5	-2.4	4.8	10	16.1
Hermann	KUCHAROV	1986	1.3	-4.8	5.1	10.4	17.5
Hermann	KUCHAROV	1987	-5.2	0.4	0.8	11.1	12.9
Hermann	KUCHAROV	1988	4	3.6	4.1	10.7	17
Hermann	KUCHAROV	1989	2.6	4.9	8.7	10.3	16.1
Hermann	KUCHAROV	1990	2.5	6.5	9.1	9.6	16.7
Hill	KVARY	1961	-0.7	4.9	8.3	13.6	12.7
Hill	KVARY	1962	1.8	1	1.8	11.4	12.5
Hill	KVARY	1963	-6.2	-4.2	3.7	10.8	14.8
Hill	KVARY	1964	-3.4	0.7	1.6	11.3	16.2
Hill	KVARY	1965	2.5	-0.8	3.3	9.1	12.9
Hill	KVARY	1966	-2.7	5.8	5.4	12	15.4
Hill	KVARY	1967	0.4	4	7.2	9.5	15.3
Hill	KVARY	1968	-0.7	2.6	6.4	11.3	13.8
Hill	KVARY	1969	-0.1	-0.3	2.3	9.4	16.9
Hill	KVARY	1970	-1.7	0.6	3.3	8.5	13.5
Hill	KVARY	1971	-2.2	2.8	2.5	10.7	16
Hill	KVARY	1972	-1.4	2.9	7.1	9.5	14.4
Hill	KVARY	1973	0.6	2.7	6	7.4	15.1
Hill	KVARY	1974	3.8	4.5	8.3	10.4	13.9
Hill	KVARY	1975	4.8	1.4	5.6	9.3	14.7
Hill	KVARY	1976	2.1	1.6	2.3	9.4	15.4
Hill	KVARY	1977	0.5	3.3	8	8.1	14.6
Hill	KVARY	1978	2	-0.6	6.5	9.2	13.6
Hill	KVARY	1979	-3.4	0.7	5.9	8.8	15.8
Hill	KVARY	1980	-2.8	3.3	4.5	7.3	12.4
Hill	KVARY	1981	-1.2	1.4	8.6	9.3	15.6
Hill	KVARY	1982	-3.3	0.4	6.2	8.2	15.7
Hill	KVARY	1983	5	-0.8	6.2	11.6	15.1
Hill	KVARY	1984	1.8	0.9	4.1	8.8	13.9
Hill	KVARY	1985	-5	-2.4	4.8	10	16.1
Hill	KVARY	1986	1.3	-4.8	5.1	10.4	17.5
Hill	KVARY	1987	-5.2	0.4	0.8	11.1	12.9
Hill	KVARY	1988	4	3.6	4.1	10.7	17
Hill	KVARY	1989	2.6	4.9	8.7	10.3	16.1
Hill	KVARY	1990	2.5	6.5	9.1	9.6	16.7
Hofírek	LIBEREC	1961	-0.7	4.9	8.3	13.6	12.7
Hofírek	LIBEREC	1962	1.8	1	1.8	11.4	12.5
Hofírek	LIBEREC	1963	-6.2	-4.2	3.7	10.8	14.8
Hofírek	LIBEREC	1964	-3.4	0.7	1.6	11.3	16.2
Hofírek	LIBEREC	1965	2.5	-0.8	3.3	9.1	12.9
Hofírek	LIBEREC	1966	-2.7	5.8	5.4	12	15.4
Hofírek	LIBEREC	1967	0.4	4	7.2	9.5	15.3
Hofírek	LIBEREC	1968	-0.7	2.6	6.4	11.3	13.8
Hofírek	LIBEREC	1969	-0.1	-0.3	2.3	9.4	16.9

Hofírek	LIBEREC	1970	-1.7	0.6	3.3	8.5	13.5
Hofírek	LIBEREC	1971	-2.2	2.8	2.5	10.7	16
Hofírek	LIBEREC	1972	-1.4	2.9	7.1	9.5	14.4
Hofírek	LIBEREC	1973	0.6	2.7	6	7.4	15.1
Hofírek	LIBEREC	1974	3.8	4.5	8.3	10.4	13.9
Hofírek	LIBEREC	1975	4.8	1.4	5.6	9.3	14.7
Hofírek	LIBEREC	1976	2.1	1.6	2.3	9.4	15.4
Hofírek	LIBEREC	1977	0.5	3.3	8	8.1	14.6
Hofírek	LIBEREC	1978	2	-0.6	6.5	9.2	13.6
Hofírek	LIBEREC	1979	-3.4	0.7	5.9	8.8	15.8
Hofírek	LIBEREC	1980	-2.8	3.3	4.5	7.3	12.4
Hofírek	LIBEREC	1981	-1.2	1.4	8.6	9.3	15.6
Hofírek	LIBEREC	1982	-3.3	0.4	6.2	8.2	15.7
Hofírek	LIBEREC	1983	5	-0.8	6.2	11.6	15.1
Hofírek	LIBEREC	1984	1.8	0.9	4.1	8.8	13.9
Hofírek	LIBEREC	1985	-5	-2.4	4.8	10	16.1
Hofírek	LIBEREC	1986	1.3	-4.8	5.1	10.4	17.5
Hofírek	LIBEREC	1987	-5.2	0.4	0.8	11.1	12.9
Hofírek	LIBEREC	1988	4	3.6	4.1	10.7	17
Hofírek	LIBEREC	1989	2.6	4.9	8.7	10.3	16.1
Hofírek	LIBEREC	1990	2.5	6.5	9.1	9.6	16.7
Horák	LYSAHORA	1961	-0.7	4.9	8.3	13.6	12.7
Horák	LYSAHORA	1962	1.8	1	1.8	11.4	12.5
Horák	LYSAHORA	1963	-6.2	-4.2	3.7	10.8	14.8
Horák	LYSAHORA	1964	-3.4	0.7	1.6	11.3	16.2
Horák	LYSAHORA	1965	2.5	-0.8	3.3	9.1	12.9
Horák	LYSAHORA	1966	-2.7	5.8	5.4	12	15.4
Horák	LYSAHORA	1967	0.4	4	7.2	9.5	15.3
Horák	LYSAHORA	1968	-0.7	2.6	6.4	11.3	13.8
Horák	LYSAHORA	1969	-0.1	-0.3	2.3	9.4	16.9
Horák	LYSAHORA	1970	-1.7	0.6	3.3	8.5	13.5
Horák	LYSAHORA	1971	-2.2	2.8	2.5	10.7	16
Horák	LYSAHORA	1972	-1.4	2.9	7.1	9.5	14.4
Horák	LYSAHORA	1973	0.6	2.7	6	7.4	15.1
Horák	LYSAHORA	1974	3.8	4.5	8.3	10.4	13.9
Horák	LYSAHORA	1975	4.8	1.4	5.6	9.3	14.7
Horák	LYSAHORA	1976	2.1	1.6	2.3	9.4	15.4
Horák	LYSAHORA	1977	0.5	3.3	8	8.1	14.6
Horák	LYSAHORA	1978	2	-0.6	6.5	9.2	13.6
Horák	LYSAHORA	1979	-3.4	0.7	5.9	8.8	15.8
Horák	LYSAHORA	1980	-2.8	3.3	4.5	7.3	12.4
Horák	LYSAHORA	1981	-1.2	1.4	8.6	9.3	15.6
Horák	LYSAHORA	1982	-3.3	0.4	6.2	8.2	15.7
Horák	LYSAHORA	1983	5	-0.8	6.2	11.6	15.1
Horák	LYSAHORA	1984	1.8	0.9	4.1	8.8	13.9
Horák	LYSAHORA	1985	-5	-2.4	4.8	10	16.1
Horák	LYSAHORA	1986	1.3	-4.8	5.1	10.4	17.5
Horák	LYSAHORA	1987	-5.2	0.4	0.8	11.1	12.9
Horák	LYSAHORA	1988	4	3.6	4.1	10.7	17
Horák	LYSAHORA	1989	2.6	4.9	8.7	10.3	16.1

Horák	LYSAHORA	1990	2.5	6.5	9.1	9.6	16.7
Hořava	MALBRECH	1961	-0.7	4.9	8.3	13.6	12.7
Hořava	MALBRECH	1962	1.8	1	1.8	11.4	12.5
Hořava	MALBRECH	1963	-6.2	-4.2	3.7	10.8	14.8
Hořava	MALBRECH	1964	-3.4	0.7	1.6	11.3	16.2
Hořava	MALBRECH	1965	2.5	-0.8	3.3	9.1	12.9
Hořava	MALBRECH	1966	-2.7	5.8	5.4	12	15.4
Hořava	MALBRECH	1967	0.4	4	7.2	9.5	15.3
Hořava	MALBRECH	1968	-0.7	2.6	6.4	11.3	13.8
Hořava	MALBRECH	1969	-0.1	-0.3	2.3	9.4	16.9
Hořava	MALBRECH	1970	-1.7	0.6	3.3	8.5	13.5
Hořava	MALBRECH	1971	-2.2	2.8	2.5	10.7	16
Hořava	MALBRECH	1972	-1.4	2.9	7.1	9.5	14.4
Hořava	MALBRECH	1973	0.6	2.7	6	7.4	15.1
Hořava	MALBRECH	1974	3.8	4.5	8.3	10.4	13.9
Hořava	MALBRECH	1975	4.8	1.4	5.6	9.3	14.7
Hořava	MALBRECH	1976	2.1	1.6	2.3	9.4	15.4
Hořava	MALBRECH	1977	0.5	3.3	8	8.1	14.6
Hořava	MALBRECH	1978	2	-0.6	6.5	9.2	13.6
Hořava	MALBRECH	1979	-3.4	0.7	5.9	8.8	15.8
Hořava	MALBRECH	1980	-2.8	3.3	4.5	7.3	12.4
Hořava	MALBRECH	1981	-1.2	1.4	8.6	9.3	15.6
Hořava	MALBRECH	1982	-3.3	0.4	6.2	8.2	15.7
Hořava	MALBRECH	1983	5	-0.8	6.2	11.6	15.1
Hořava	MALBRECH	1984	1.8	0.9	4.1	8.8	13.9
Hořava	MALBRECH	1985	-5	-2.4	4.8	10	16.1
Hořava	MALBRECH	1986	1.3	-4.8	5.1	10.4	17.5
Hořava	MALBRECH	1987	-5.2	0.4	0.8	11.1	12.9
Hořava	MALBRECH	1988	4	3.6	4.1	10.7	17
Hořava	MALBRECH	1989	2.6	4.9	8.7	10.3	16.1
Hořava	MALBRECH	1990	2.5	6.5	9.1	9.6	16.7
Hübner	MILESOVK	1961	-0.7	4.9	8.3	13.6	12.7
Hübner	MILESOVK	1962	1.8	1	1.8	11.4	12.5
Hübner	MILESOVK	1963	-6.2	-4.2	3.7	10.8	14.8
Hübner	MILESOVK	1964	-3.4	0.7	1.6	11.3	16.2
Hübner	MILESOVK	1965	2.5	-0.8	3.3	9.1	12.9
Hübner	MILESOVK	1966	-2.7	5.8	5.4	12	15.4
Hübner	MILESOVK	1967	0.4	4	7.2	9.5	15.3
Hübner	MILESOVK	1968	-0.7	2.6	6.4	11.3	13.8
Hübner	MILESOVK	1969	-0.1	-0.3	2.3	9.4	16.9
Hübner	MILESOVK	1970	-1.7	0.6	3.3	8.5	13.5
Hübner	MILESOVK	1971	-2.2	2.8	2.5	10.7	16
Hübner	MILESOVK	1972	-1.4	2.9	7.1	9.5	14.4
Hübner	MILESOVK	1973	0.6	2.7	6	7.4	15.1
Hübner	MILESOVK	1974	3.8	4.5	8.3	10.4	13.9
Hübner	MILESOVK	1975	4.8	1.4	5.6	9.3	14.7
Hübner	MILESOVK	1976	2.1	1.6	2.3	9.4	15.4
Hübner	MILESOVK	1977	0.5	3.3	8	8.1	14.6
Hübner	MILESOVK	1978	2	-0.6	6.5	9.2	13.6
Hübner	MILESOVK	1979	-3.4	0.7	5.9	8.8	15.8

Hübner	MILESOVK	1980	-2.8	3.3	4.5	7.3	12.4
Hübner	MILESOVK	1981	-1.2	1.4	8.6	9.3	15.6
Hübner	MILESOVK	1982	-3.3	0.4	6.2	8.2	15.7
Hübner	MILESOVK	1983	5	-0.8	6.2	11.6	15.1
Hübner	MILESOVK	1984	1.8	0.9	4.1	8.8	13.9
Hübner	MILESOVK	1985	-5	-2.4	4.8	10	16.1
Hübner	MILESOVK	1986	1.3	-4.8	5.1	10.4	17.5
Hübner	MILESOVK	1987	-5.2	0.4	0.8	11.1	12.9
Hübner	MILESOVK	1988	4	3.6	4.1	10.7	17
Hübner	MILESOVK	1989	2.6	4.9	8.7	10.3	16.1
Hübner	MILESOVK	1990	2.5	6.5	9.1	9.6	16.7
Chovanec	MOSNOV	1961	-0.7	4.9	8.3	13.6	12.7
Chovanec	MOSNOV	1962	1.8	1	1.8	11.4	12.5
Chovanec	MOSNOV	1963	-6.2	-4.2	3.7	10.8	14.8
Chovanec	MOSNOV	1964	-3.4	0.7	1.6	11.3	16.2
Chovanec	MOSNOV	1965	2.5	-0.8	3.3	9.1	12.9
Chovanec	MOSNOV	1966	-2.7	5.8	5.4	12	15.4
Chovanec	MOSNOV	1967	0.4	4	7.2	9.5	15.3
Chovanec	MOSNOV	1968	-0.7	2.6	6.4	11.3	13.8
Chovanec	MOSNOV	1969	-0.1	-0.3	2.3	9.4	16.9
Chovanec	MOSNOV	1970	-1.7	0.6	3.3	8.5	13.5
Chovanec	MOSNOV	1971	-2.2	2.8	2.5	10.7	16
Chovanec	MOSNOV	1972	-1.4	2.9	7.1	9.5	14.4
Chovanec	MOSNOV	1973	0.6	2.7	6	7.4	15.1
Chovanec	MOSNOV	1974	3.8	4.5	8.3	10.4	13.9
Chovanec	MOSNOV	1975	4.8	1.4	5.6	9.3	14.7
Chovanec	MOSNOV	1976	2.1	1.6	2.3	9.4	15.4
Chovanec	MOSNOV	1977	0.5	3.3	8	8.1	14.6
Chovanec	MOSNOV	1978	2	-0.6	6.5	9.2	13.6
Chovanec	MOSNOV	1979	-3.4	0.7	5.9	8.8	15.8
Chovanec	MOSNOV	1980	-2.8	3.3	4.5	7.3	12.4
Chovanec	MOSNOV	1981	-1.2	1.4	8.6	9.3	15.6
Chovanec	MOSNOV	1982	-3.3	0.4	6.2	8.2	15.7
Chovanec	MOSNOV	1983	5	-0.8	6.2	11.6	15.1
Chovanec	MOSNOV	1984	1.8	0.9	4.1	8.8	13.9
Chovanec	MOSNOV	1985	-5	-2.4	4.8	10	16.1
Chovanec	MOSNOV	1986	1.3	-4.8	5.1	10.4	17.5
Chovanec	MOSNOV	1987	-5.2	0.4	0.8	11.1	12.9
Chovanec	MOSNOV	1988	4	3.6	4.1	10.7	17
Chovanec	MOSNOV	1989	2.6	4.9	8.7	10.3	16.1
Chovanec	MOSNOV	1990	2.5	6.5	9.1	9.6	16.7
Ilčík	NEDVEZI	1961	-0.7	4.9	8.3	13.6	12.7
Ilčík	NEDVEZI	1962	1.8	1	1.8	11.4	12.5
Ilčík	NEDVEZI	1963	-6.2	-4.2	3.7	10.8	14.8
Ilčík	NEDVEZI	1964	-3.4	0.7	1.6	11.3	16.2
Ilčík	NEDVEZI	1965	2.5	-0.8	3.3	9.1	12.9
Ilčík	NEDVEZI	1966	-2.7	5.8	5.4	12	15.4
Ilčík	NEDVEZI	1967	0.4	4	7.2	9.5	15.3
Ilčík	NEDVEZI	1968	-0.7	2.6	6.4	11.3	13.8
Ilčík	NEDVEZI	1969	-0.1	-0.3	2.3	9.4	16.9

Ilčík	NEDVEZI	1970	-1.7	0.6	3.3	8.5	13.5
Ilčík	NEDVEZI	1971	-2.2	2.8	2.5	10.7	16
Ilčík	NEDVEZI	1972	-1.4	2.9	7.1	9.5	14.4
Ilčík	NEDVEZI	1973	0.6	2.7	6	7.4	15.1
Ilčík	NEDVEZI	1974	3.8	4.5	8.3	10.4	13.9
Ilčík	NEDVEZI	1975	4.8	1.4	5.6	9.3	14.7
Ilčík	NEDVEZI	1976	2.1	1.6	2.3	9.4	15.4
Ilčík	NEDVEZI	1977	0.5	3.3	8	8.1	14.6
Ilčík	NEDVEZI	1978	2	-0.6	6.5	9.2	13.6
Ilčík	NEDVEZI	1979	-3.4	0.7	5.9	8.8	15.8
Ilčík	NEDVEZI	1980	-2.8	3.3	4.5	7.3	12.4
Ilčík	NEDVEZI	1981	-1.2	1.4	8.6	9.3	15.6
Ilčík	NEDVEZI	1982	-3.3	0.4	6.2	8.2	15.7
Ilčík	NEDVEZI	1983	5	-0.8	6.2	11.6	15.1
Ilčík	NEDVEZI	1984	1.8	0.9	4.1	8.8	13.9
Ilčík	NEDVEZI	1985	-5	-2.4	4.8	10	16.1
Ilčík	NEDVEZI	1986	1.3	-4.8	5.1	10.4	17.5
Ilčík	NEDVEZI	1987	-5.2	0.4	0.8	11.1	12.9
Ilčík	NEDVEZI	1988	4	3.6	4.1	10.7	17
Ilčík	NEDVEZI	1989	2.6	4.9	8.7	10.3	16.1
Ilčík	NEDVEZI	1990	2.5	6.5	9.1	9.6	16.7
Jadlovský	NEPOMUK	1961	-0.7	4.9	8.3	13.6	12.7
Jadlovský	NEPOMUK	1962	1.8	1	1.8	11.4	12.5
Jadlovský	NEPOMUK	1963	-6.2	-4.2	3.7	10.8	14.8
Jadlovský	NEPOMUK	1964	-3.4	0.7	1.6	11.3	16.2
Jadlovský	NEPOMUK	1965	2.5	-0.8	3.3	9.1	12.9
Jadlovský	NEPOMUK	1966	-2.7	5.8	5.4	12	15.4
Jadlovský	NEPOMUK	1967	0.4	4	7.2	9.5	15.3
Jadlovský	NEPOMUK	1968	-0.7	2.6	6.4	11.3	13.8
Jadlovský	NEPOMUK	1969	-0.1	-0.3	2.3	9.4	16.9
Jadlovský	NEPOMUK	1970	-1.7	0.6	3.3	8.5	13.5
Jadlovský	NEPOMUK	1971	-2.2	2.8	2.5	10.7	16
Jadlovský	NEPOMUK	1972	-1.4	2.9	7.1	9.5	14.4
Jadlovský	NEPOMUK	1973	0.6	2.7	6	7.4	15.1
Jadlovský	NEPOMUK	1974	3.8	4.5	8.3	10.4	13.9
Jadlovský	NEPOMUK	1975	4.8	1.4	5.6	9.3	14.7
Jadlovský	NEPOMUK	1976	2.1	1.6	2.3	9.4	15.4
Jadlovský	NEPOMUK	1977	0.5	3.3	8	8.1	14.6
Jadlovský	NEPOMUK	1978	2	-0.6	6.5	9.2	13.6
Jadlovský	NEPOMUK	1979	-3.4	0.7	5.9	8.8	15.8
Jadlovský	NEPOMUK	1980	-2.8	3.3	4.5	7.3	12.4
Jadlovský	NEPOMUK	1981	-1.2	1.4	8.6	9.3	15.6
Jadlovský	NEPOMUK	1982	-3.3	0.4	6.2	8.2	15.7
Jadlovský	NEPOMUK	1983	5	-0.8	6.2	11.6	15.1
Jadlovský	NEPOMUK	1984	1.8	0.9	4.1	8.8	13.9
Jadlovský	NEPOMUK	1985	-5	-2.4	4.8	10	16.1
Jadlovský	NEPOMUK	1986	1.3	-4.8	5.1	10.4	17.5
Jadlovský	NEPOMUK	1987	-5.2	0.4	0.8	11.1	12.9
Jadlovský	NEPOMUK	1988	4	3.6	4.1	10.7	17
Jadlovský	NEPOMUK	1989	2.6	4.9	8.7	10.3	16.1

Jadlovský	NEPOMUK	1990	2.5	6.5	9.1	9.6	16.7
Jadvidžáková	OLOMOUCS	1961	-0.7	4.9	8.3	13.6	12.7
Jadvidžáková	OLOMOUCS	1962	1.8	1	1.8	11.4	12.5
Jadvidžáková	OLOMOUCS	1963	-6.2	-4.2	3.7	10.8	14.8
Jadvidžáková	OLOMOUCS	1964	-3.4	0.7	1.6	11.3	16.2
Jadvidžáková	OLOMOUCS	1965	2.5	-0.8	3.3	9.1	12.9
Jadvidžáková	OLOMOUCS	1966	-2.7	5.8	5.4	12	15.4
Jadvidžáková	OLOMOUCS	1967	0.4	4	7.2	9.5	15.3
Jadvidžáková	OLOMOUCS	1968	-0.7	2.6	6.4	11.3	13.8
Jadvidžáková	OLOMOUCS	1969	-0.1	-0.3	2.3	9.4	16.9
Jadvidžáková	OLOMOUCS	1970	-1.7	0.6	3.3	8.5	13.5
Jadvidžáková	OLOMOUCS	1971	-2.2	2.8	2.5	10.7	16
Jadvidžáková	OLOMOUCS	1972	-1.4	2.9	7.1	9.5	14.4
Jadvidžáková	OLOMOUCS	1973	0.6	2.7	6	7.4	15.1
Jadvidžáková	OLOMOUCS	1974	3.8	4.5	8.3	10.4	13.9
Jadvidžáková	OLOMOUCS	1975	4.8	1.4	5.6	9.3	14.7
Jadvidžáková	OLOMOUCS	1976	2.1	1.6	2.3	9.4	15.4
Jadvidžáková	OLOMOUCS	1977	0.5	3.3	8	8.1	14.6
Jadvidžáková	OLOMOUCS	1978	2	-0.6	6.5	9.2	13.6
Jadvidžáková	OLOMOUCS	1979	-3.4	0.7	5.9	8.8	15.8
Jadvidžáková	OLOMOUCS	1980	-2.8	3.3	4.5	7.3	12.4
Jadvidžáková	OLOMOUCS	1981	-1.2	1.4	8.6	9.3	15.6
Jadvidžáková	OLOMOUCS	1982	-3.3	0.4	6.2	8.2	15.7
Jadvidžáková	OLOMOUCS	1983	5	-0.8	6.2	11.6	15.1
Jadvidžáková	OLOMOUCS	1984	1.8	0.9	4.1	8.8	13.9
Jadvidžáková	OLOMOUCS	1985	-5	-2.4	4.8	10	16.1
Jadvidžáková	OLOMOUCS	1986	1.3	-4.8	5.1	10.4	17.5
Jadvidžáková	OLOMOUCS	1987	-5.2	0.4	0.8	11.1	12.9
Jadvidžáková	OLOMOUCS	1988	4	3.6	4.1	10.7	17
Jadvidžáková	OLOMOUCS	1989	2.6	4.9	8.7	10.3	16.1
Jadvidžáková	OLOMOUCS	1990	2.5	6.5	9.1	9.6	16.7
Janda	ONDREJOV	1961	-0.7	4.9	8.3	13.6	12.7
Janda	ONDREJOV	1962	1.8	1	1.8	11.4	12.5
Janda	ONDREJOV	1963	-6.2	-4.2	3.7	10.8	14.8
Janda	ONDREJOV	1964	-3.4	0.7	1.6	11.3	16.2
Janda	ONDREJOV	1965	2.5	-0.8	3.3	9.1	12.9
Janda	ONDREJOV	1966	-2.7	5.8	5.4	12	15.4
Janda	ONDREJOV	1967	0.4	4	7.2	9.5	15.3
Janda	ONDREJOV	1968	-0.7	2.6	6.4	11.3	13.8
Janda	ONDREJOV	1969	-0.1	-0.3	2.3	9.4	16.9
Janda	ONDREJOV	1970	-1.7	0.6	3.3	8.5	13.5
Janda	ONDREJOV	1971	-2.2	2.8	2.5	10.7	16
Janda	ONDREJOV	1972	-1.4	2.9	7.1	9.5	14.4
Janda	ONDREJOV	1973	0.6	2.7	6	7.4	15.1
Janda	ONDREJOV	1974	3.8	4.5	8.3	10.4	13.9
Janda	ONDREJOV	1975	4.8	1.4	5.6	9.3	14.7
Janda	ONDREJOV	1976	2.1	1.6	2.3	9.4	15.4
Janda	ONDREJOV	1977	0.5	3.3	8	8.1	14.6
Janda	ONDREJOV	1978	2	-0.6	6.5	9.2	13.6
Janda	ONDREJOV	1979	-3.4	0.7	5.9	8.8	15.8

Janda	ONDREJOV	1980	-2.8	3.3	4.5	7.3	12.4
Janda	ONDREJOV	1981	-1.2	1.4	8.6	9.3	15.6
Janda	ONDREJOV	1982	-3.3	0.4	6.2	8.2	15.7
Janda	ONDREJOV	1983	5	-0.8	6.2	11.6	15.1
Janda	ONDREJOV	1984	1.8	0.9	4.1	8.8	13.9
Janda	ONDREJOV	1985	-5	-2.4	4.8	10	16.1
Janda	ONDREJOV	1986	1.3	-4.8	5.1	10.4	17.5
Janda	ONDREJOV	1987	-5.2	0.4	0.8	11.1	12.9
Janda	ONDREJOV	1988	4	3.6	4.1	10.7	17
Janda	ONDREJOV	1989	2.6	4.9	8.7	10.3	16.1
Janda	ONDREJOV	1990	2.5	6.5	9.1	9.6	16.7
Jánov	OPAVA	1961	-0.7	4.9	8.3	13.6	12.7
Jánov	OPAVA	1962	1.8	1	1.8	11.4	12.5
Jánov	OPAVA	1963	-6.2	-4.2	3.7	10.8	14.8
Jánov	OPAVA	1964	-3.4	0.7	1.6	11.3	16.2
Jánov	OPAVA	1965	2.5	-0.8	3.3	9.1	12.9
Jánov	OPAVA	1966	-2.7	5.8	5.4	12	15.4
Jánov	OPAVA	1967	0.4	4	7.2	9.5	15.3
Jánov	OPAVA	1968	-0.7	2.6	6.4	11.3	13.8
Jánov	OPAVA	1969	-0.1	-0.3	2.3	9.4	16.9
Jánov	OPAVA	1970	-1.7	0.6	3.3	8.5	13.5
Jánov	OPAVA	1971	-2.2	2.8	2.5	10.7	16
Jánov	OPAVA	1972	-1.4	2.9	7.1	9.5	14.4
Jánov	OPAVA	1973	0.6	2.7	6	7.4	15.1
Jánov	OPAVA	1974	3.8	4.5	8.3	10.4	13.9
Jánov	OPAVA	1975	4.8	1.4	5.6	9.3	14.7
Jánov	OPAVA	1976	2.1	1.6	2.3	9.4	15.4
Jánov	OPAVA	1977	0.5	3.3	8	8.1	14.6
Jánov	OPAVA	1978	2	-0.6	6.5	9.2	13.6
Jánov	OPAVA	1979	-3.4	0.7	5.9	8.8	15.8
Jánov	OPAVA	1980	-2.8	3.3	4.5	7.3	12.4
Jánov	OPAVA	1981	-1.2	1.4	8.6	9.3	15.6
Jánov	OPAVA	1982	-3.3	0.4	6.2	8.2	15.7
Jánov	OPAVA	1983	5	-0.8	6.2	11.6	15.1
Jánov	OPAVA	1984	1.8	0.9	4.1	8.8	13.9
Jánov	OPAVA	1985	-5	-2.4	4.8	10	16.1
Jánov	OPAVA	1986	1.3	-4.8	5.1	10.4	17.5
Jánov	OPAVA	1987	-5.2	0.4	0.8	11.1	12.9
Jánov	OPAVA	1988	4	3.6	4.1	10.7	17
Jánov	OPAVA	1989	2.6	4.9	8.7	10.3	16.1
Jánov	OPAVA	1990	2.5	6.5	9.1	9.6	16.7
Ježková	PASEKA	1961	-0.7	4.9	8.3	13.6	12.7
Ježková	PASEKA	1962	1.8	1	1.8	11.4	12.5
Ježková	PASEKA	1963	-6.2	-4.2	3.7	10.8	14.8
Ježková	PASEKA	1964	-3.4	0.7	1.6	11.3	16.2
Ježková	PASEKA	1965	2.5	-0.8	3.3	9.1	12.9
Ježková	PASEKA	1966	-2.7	5.8	5.4	12	15.4
Ježková	PASEKA	1967	0.4	4	7.2	9.5	15.3
Ježková	PASEKA	1968	-0.7	2.6	6.4	11.3	13.8
Ježková	PASEKA	1969	-0.1	-0.3	2.3	9.4	16.9

Ježková	PASEKA	1970	-1.7	0.6	3.3	8.5	13.5
Ježková	PASEKA	1971	-2.2	2.8	2.5	10.7	16
Ježková	PASEKA	1972	-1.4	2.9	7.1	9.5	14.4
Ježková	PASEKA	1973	0.6	2.7	6	7.4	15.1
Ježková	PASEKA	1974	3.8	4.5	8.3	10.4	13.9
Ježková	PASEKA	1975	4.8	1.4	5.6	9.3	14.7
Ježková	PASEKA	1976	2.1	1.6	2.3	9.4	15.4
Ježková	PASEKA	1977	0.5	3.3	8	8.1	14.6
Ježková	PASEKA	1978	2	-0.6	6.5	9.2	13.6
Ježková	PASEKA	1979	-3.4	0.7	5.9	8.8	15.8
Ježková	PASEKA	1980	-2.8	3.3	4.5	7.3	12.4
Ježková	PASEKA	1981	-1.2	1.4	8.6	9.3	15.6
Ježková	PASEKA	1982	-3.3	0.4	6.2	8.2	15.7
Ježková	PASEKA	1983	5	-0.8	6.2	11.6	15.1
Ježková	PASEKA	1984	1.8	0.9	4.1	8.8	13.9
Ježková	PASEKA	1985	-5	-2.4	4.8	10	16.1
Ježková	PASEKA	1986	1.3	-4.8	5.1	10.4	17.5
Ježková	PASEKA	1987	-5.2	0.4	0.8	11.1	12.9
Ježková	PASEKA	1988	4	3.6	4.1	10.7	17
Ježková	PASEKA	1989	2.6	4.9	8.7	10.3	16.1
Ježková	PASEKA	1990	2.5	6.5	9.1	9.6	16.7
Jiráčková	PKARLOV	1961	-0.7	4.9	8.3	13.6	12.7
Jiráčková	PKARLOV	1962	1.8	1	1.8	11.4	12.5
Jiráčková	PKARLOV	1963	-6.2	-4.2	3.7	10.8	14.8
Jiráčková	PKARLOV	1964	-3.4	0.7	1.6	11.3	16.2
Jiráčková	PKARLOV	1965	2.5	-0.8	3.3	9.1	12.9
Jiráčková	PKARLOV	1966	-2.7	5.8	5.4	12	15.4
Jiráčková	PKARLOV	1967	0.4	4	7.2	9.5	15.3
Jiráčková	PKARLOV	1968	-0.7	2.6	6.4	11.3	13.8
Jiráčková	PKARLOV	1969	-0.1	-0.3	2.3	9.4	16.9
Jiráčková	PKARLOV	1970	-1.7	0.6	3.3	8.5	13.5
Jiráčková	PKARLOV	1971	-2.2	2.8	2.5	10.7	16
Jiráčková	PKARLOV	1972	-1.4	2.9	7.1	9.5	14.4
Jiráčková	PKARLOV	1973	0.6	2.7	6	7.4	15.1
Jiráčková	PKARLOV	1974	3.8	4.5	8.3	10.4	13.9
Jiráčková	PKARLOV	1975	4.8	1.4	5.6	9.3	14.7
Jiráčková	PKARLOV	1976	2.1	1.6	2.3	9.4	15.4
Jiráčková	PKARLOV	1977	0.5	3.3	8	8.1	14.6
Jiráčková	PKARLOV	1978	2	-0.6	6.5	9.2	13.6
Jiráčková	PKARLOV	1979	-3.4	0.7	5.9	8.8	15.8
Jiráčková	PKARLOV	1980	-2.8	3.3	4.5	7.3	12.4
Jiráčková	PKARLOV	1981	-1.2	1.4	8.6	9.3	15.6
Jiráčková	PKARLOV	1982	-3.3	0.4	6.2	8.2	15.7
Jiráčková	PKARLOV	1983	5	-0.8	6.2	11.6	15.1
Jiráčková	PKARLOV	1984	1.8	0.9	4.1	8.8	13.9
Jiráčková	PKARLOV	1985	-5	-2.4	4.8	10	16.1
Jiráčková	PKARLOV	1986	1.3	-4.8	5.1	10.4	17.5
Jiráčková	PKARLOV	1987	-5.2	0.4	0.8	11.1	12.9
Jiráčková	PKARLOV	1988	4	3.6	4.1	10.7	17
Jiráčková	PKARLOV	1989	2.6	4.9	8.7	10.3	16.1

Jiráčková	PKARLOV	1990	2.5	6.5	9.1	9.6	16.7
Kadlec	PRADED	1961	-0.7	4.9	8.3	13.6	12.7
Kadlec	PRADED	1962	1.8	1	1.8	11.4	12.5
Kadlec	PRADED	1963	-6.2	-4.2	3.7	10.8	14.8
Kadlec	PRADED	1964	-3.4	0.7	1.6	11.3	16.2
Kadlec	PRADED	1965	2.5	-0.8	3.3	9.1	12.9
Kadlec	PRADED	1966	-2.7	5.8	5.4	12	15.4
Kadlec	PRADED	1967	0.4	4	7.2	9.5	15.3
Kadlec	PRADED	1968	-0.7	2.6	6.4	11.3	13.8
Kadlec	PRADED	1969	-0.1	-0.3	2.3	9.4	16.9
Kadlec	PRADED	1970	-1.7	0.6	3.3	8.5	13.5
Kadlec	PRADED	1971	-2.2	2.8	2.5	10.7	16
Kadlec	PRADED	1972	-1.4	2.9	7.1	9.5	14.4
Kadlec	PRADED	1973	0.6	2.7	6	7.4	15.1
Kadlec	PRADED	1974	3.8	4.5	8.3	10.4	13.9
Kadlec	PRADED	1975	4.8	1.4	5.6	9.3	14.7
Kadlec	PRADED	1976	2.1	1.6	2.3	9.4	15.4
Kadlec	PRADED	1977	0.5	3.3	8	8.1	14.6
Kadlec	PRADED	1978	2	-0.6	6.5	9.2	13.6
Kadlec	PRADED	1979	-3.4	0.7	5.9	8.8	15.8
Kadlec	PRADED	1980	-2.8	3.3	4.5	7.3	12.4
Kadlec	PRADED	1981	-1.2	1.4	8.6	9.3	15.6
Kadlec	PRADED	1982	-3.3	0.4	6.2	8.2	15.7
Kadlec	PRADED	1983	5	-0.8	6.2	11.6	15.1
Kadlec	PRADED	1984	1.8	0.9	4.1	8.8	13.9
Kadlec	PRADED	1985	-5	-2.4	4.8	10	16.1
Kadlec	PRADED	1986	1.3	-4.8	5.1	10.4	17.5
Kadlec	PRADED	1987	-5.2	0.4	0.8	11.1	12.9
Kadlec	PRADED	1988	4	3.6	4.1	10.7	17
Kadlec	PRADED	1989	2.6	4.9	8.7	10.3	16.1
Kadlec	PRADED	1990	2.5	6.5	9.1	9.6	16.7
Kaloč	PRIBYSLA	1961	-0.7	4.9	8.3	13.6	12.7
Kaloč	PRIBYSLA	1962	1.8	1	1.8	11.4	12.5
Kaloč	PRIBYSLA	1963	-6.2	-4.2	3.7	10.8	14.8
Kaloč	PRIBYSLA	1964	-3.4	0.7	1.6	11.3	16.2
Kaloč	PRIBYSLA	1965	2.5	-0.8	3.3	9.1	12.9
Kaloč	PRIBYSLA	1966	-2.7	5.8	5.4	12	15.4
Kaloč	PRIBYSLA	1967	0.4	4	7.2	9.5	15.3
Kaloč	PRIBYSLA	1968	-0.7	2.6	6.4	11.3	13.8
Kaloč	PRIBYSLA	1969	-0.1	-0.3	2.3	9.4	16.9
Kaloč	PRIBYSLA	1970	-1.7	0.6	3.3	8.5	13.5
Kaloč	PRIBYSLA	1971	-2.2	2.8	2.5	10.7	16
Kaloč	PRIBYSLA	1972	-1.4	2.9	7.1	9.5	14.4
Kaloč	PRIBYSLA	1973	0.6	2.7	6	7.4	15.1
Kaloč	PRIBYSLA	1974	3.8	4.5	8.3	10.4	13.9
Kaloč	PRIBYSLA	1975	4.8	1.4	5.6	9.3	14.7
Kaloč	PRIBYSLA	1976	2.1	1.6	2.3	9.4	15.4
Kaloč	PRIBYSLA	1977	0.5	3.3	8	8.1	14.6
Kaloč	PRIBYSLA	1978	2	-0.6	6.5	9.2	13.6
Kaloč	PRIBYSLA	1979	-3.4	0.7	5.9	8.8	15.8

Kaloč	PRIBYSLA	1980	-2.8	3.3	4.5	7.3	12.4
Kaloč	PRIBYSLA	1981	-1.2	1.4	8.6	9.3	15.6
Kaloč	PRIBYSLA	1982	-3.3	0.4	6.2	8.2	15.7
Kaloč	PRIBYSLA	1983	5	-0.8	6.2	11.6	15.1
Kaloč	PRIBYSLA	1984	1.8	0.9	4.1	8.8	13.9
Kaloč	PRIBYSLA	1985	-5	-2.4	4.8	10	16.1
Kaloč	PRIBYSLA	1986	1.3	-4.8	5.1	10.4	17.5
Kaloč	PRIBYSLA	1987	-5.2	0.4	0.8	11.1	12.9
Kaloč	PRIBYSLA	1988	4	3.6	4.1	10.7	17
Kaloč	PRIBYSLA	1989	2.6	4.9	8.7	10.3	16.1
Kaloč	PRIBYSLA	1990	2.5	6.5	9.1	9.6	16.7
Kazdová	PRIMDA	1961	-0.7	4.9	8.3	13.6	12.7
Kazdová	PRIMDA	1962	1.8	1	1.8	11.4	12.5
Kazdová	PRIMDA	1963	-6.2	-4.2	3.7	10.8	14.8
Kazdová	PRIMDA	1964	-3.4	0.7	1.6	11.3	16.2
Kazdová	PRIMDA	1965	2.5	-0.8	3.3	9.1	12.9
Kazdová	PRIMDA	1966	-2.7	5.8	5.4	12	15.4
Kazdová	PRIMDA	1967	0.4	4	7.2	9.5	15.3
Kazdová	PRIMDA	1968	-0.7	2.6	6.4	11.3	13.8
Kazdová	PRIMDA	1969	-0.1	-0.3	2.3	9.4	16.9
Kazdová	PRIMDA	1970	-1.7	0.6	3.3	8.5	13.5
Kazdová	PRIMDA	1971	-2.2	2.8	2.5	10.7	16
Kazdová	PRIMDA	1972	-1.4	2.9	7.1	9.5	14.4
Kazdová	PRIMDA	1973	0.6	2.7	6	7.4	15.1
Kazdová	PRIMDA	1974	3.8	4.5	8.3	10.4	13.9
Kazdová	PRIMDA	1975	4.8	1.4	5.6	9.3	14.7
Kazdová	PRIMDA	1976	2.1	1.6	2.3	9.4	15.4
Kazdová	PRIMDA	1977	0.5	3.3	8	8.1	14.6
Kazdová	PRIMDA	1978	2	-0.6	6.5	9.2	13.6
Kazdová	PRIMDA	1979	-3.4	0.7	5.9	8.8	15.8
Kazdová	PRIMDA	1980	-2.8	3.3	4.5	7.3	12.4
Kazdová	PRIMDA	1981	-1.2	1.4	8.6	9.3	15.6
Kazdová	PRIMDA	1982	-3.3	0.4	6.2	8.2	15.7
Kazdová	PRIMDA	1983	5	-0.8	6.2	11.6	15.1
Kazdová	PRIMDA	1984	1.8	0.9	4.1	8.8	13.9
Kazdová	PRIMDA	1985	-5	-2.4	4.8	10	16.1
Kazdová	PRIMDA	1986	1.3	-4.8	5.1	10.4	17.5
Kazdová	PRIMDA	1987	-5.2	0.4	0.8	11.1	12.9
Kazdová	PRIMDA	1988	4	3.6	4.1	10.7	17
Kazdová	PRIMDA	1989	2.6	4.9	8.7	10.3	16.1
Kazdová	PRIMDA	1990	2.5	6.5	9.1	9.6	16.7
Klimeš	PROTIVAN	1961	-0.7	4.9	8.3	13.6	12.7
Klimeš	PROTIVAN	1962	1.8	1	1.8	11.4	12.5
Klimeš	PROTIVAN	1963	-6.2	-4.2	3.7	10.8	14.8
Klimeš	PROTIVAN	1964	-3.4	0.7	1.6	11.3	16.2
Klimeš	PROTIVAN	1965	2.5	-0.8	3.3	9.1	12.9
Klimeš	PROTIVAN	1966	-2.7	5.8	5.4	12	15.4
Klimeš	PROTIVAN	1967	0.4	4	7.2	9.5	15.3
Klimeš	PROTIVAN	1968	-0.7	2.6	6.4	11.3	13.8
Klimeš	PROTIVAN	1969	-0.1	-0.3	2.3	9.4	16.9

Klimeš	PROTIVAN	1970	-1.7	0.6	3.3	8.5	13.5
Klimeš	PROTIVAN	1971	-2.2	2.8	2.5	10.7	16
Klimeš	PROTIVAN	1972	-1.4	2.9	7.1	9.5	14.4
Klimeš	PROTIVAN	1973	0.6	2.7	6	7.4	15.1
Klimeš	PROTIVAN	1974	3.8	4.5	8.3	10.4	13.9
Klimeš	PROTIVAN	1975	4.8	1.4	5.6	9.3	14.7
Klimeš	PROTIVAN	1976	2.1	1.6	2.3	9.4	15.4
Klimeš	PROTIVAN	1977	0.5	3.3	8	8.1	14.6
Klimeš	PROTIVAN	1978	2	-0.6	6.5	9.2	13.6
Klimeš	PROTIVAN	1979	-3.4	0.7	5.9	8.8	15.8
Klimeš	PROTIVAN	1980	-2.8	3.3	4.5	7.3	12.4
Klimeš	PROTIVAN	1981	-1.2	1.4	8.6	9.3	15.6
Klimeš	PROTIVAN	1982	-3.3	0.4	6.2	8.2	15.7
Klimeš	PROTIVAN	1983	5	-0.8	6.2	11.6	15.1
Klimeš	PROTIVAN	1984	1.8	0.9	4.1	8.8	13.9
Klimeš	PROTIVAN	1985	-5	-2.4	4.8	10	16.1
Klimeš	PROTIVAN	1986	1.3	-4.8	5.1	10.4	17.5
Klimeš	PROTIVAN	1987	-5.2	0.4	0.8	11.1	12.9
Klimeš	PROTIVAN	1988	4	3.6	4.1	10.7	17
Klimeš	PROTIVAN	1989	2.6	4.9	8.7	10.3	16.1
Klimeš	PROTIVAN	1990	2.5	6.5	9.1	9.6	16.7
Klimešová	ROKYTNIC	1961	-0.7	4.9	8.3	13.6	12.7
Klimešová	ROKYTNIC	1962	1.8	1	1.8	11.4	12.5
Klimešová	ROKYTNIC	1963	-6.2	-4.2	3.7	10.8	14.8
Klimešová	ROKYTNIC	1964	-3.4	0.7	1.6	11.3	16.2
Klimešová	ROKYTNIC	1965	2.5	-0.8	3.3	9.1	12.9
Klimešová	ROKYTNIC	1966	-2.7	5.8	5.4	12	15.4
Klimešová	ROKYTNIC	1967	0.4	4	7.2	9.5	15.3
Klimešová	ROKYTNIC	1968	-0.7	2.6	6.4	11.3	13.8
Klimešová	ROKYTNIC	1969	-0.1	-0.3	2.3	9.4	16.9
Klimešová	ROKYTNIC	1970	-1.7	0.6	3.3	8.5	13.5
Klimešová	ROKYTNIC	1971	-2.2	2.8	2.5	10.7	16
Klimešová	ROKYTNIC	1972	-1.4	2.9	7.1	9.5	14.4
Klimešová	ROKYTNIC	1973	0.6	2.7	6	7.4	15.1
Klimešová	ROKYTNIC	1974	3.8	4.5	8.3	10.4	13.9
Klimešová	ROKYTNIC	1975	4.8	1.4	5.6	9.3	14.7
Klimešová	ROKYTNIC	1976	2.1	1.6	2.3	9.4	15.4
Klimešová	ROKYTNIC	1977	0.5	3.3	8	8.1	14.6
Klimešová	ROKYTNIC	1978	2	-0.6	6.5	9.2	13.6
Klimešová	ROKYTNIC	1979	-3.4	0.7	5.9	8.8	15.8
Klimešová	ROKYTNIC	1980	-2.8	3.3	4.5	7.3	12.4
Klimešová	ROKYTNIC	1981	-1.2	1.4	8.6	9.3	15.6
Klimešová	ROKYTNIC	1982	-3.3	0.4	6.2	8.2	15.7
Klimešová	ROKYTNIC	1983	5	-0.8	6.2	11.6	15.1
Klimešová	ROKYTNIC	1984	1.8	0.9	4.1	8.8	13.9
Klimešová	ROKYTNIC	1985	-5	-2.4	4.8	10	16.1
Klimešová	ROKYTNIC	1986	1.3	-4.8	5.1	10.4	17.5
Klimešová	ROKYTNIC	1987	-5.2	0.4	0.8	11.1	12.9
Klimešová	ROKYTNIC	1988	4	3.6	4.1	10.7	17
Klimešová	ROKYTNIC	1989	2.6	4.9	8.7	10.3	16.1

Klimešová	ROKYTNIC	1990	2.5	6.5	9.1	9.6	16.7
Kocmánek	RUZYNE	1961	-0.7	4.9	8.3	13.6	12.7
Kocmánek	RUZYNE	1962	1.8	1	1.8	11.4	12.5
Kocmánek	RUZYNE	1963	-6.2	-4.2	3.7	10.8	14.8
Kocmánek	RUZYNE	1964	-3.4	0.7	1.6	11.3	16.2
Kocmánek	RUZYNE	1965	2.5	-0.8	3.3	9.1	12.9
Kocmánek	RUZYNE	1966	-2.7	5.8	5.4	12	15.4
Kocmánek	RUZYNE	1967	0.4	4	7.2	9.5	15.3
Kocmánek	RUZYNE	1968	-0.7	2.6	6.4	11.3	13.8
Kocmánek	RUZYNE	1969	-0.1	-0.3	2.3	9.4	16.9
Kocmánek	RUZYNE	1970	-1.7	0.6	3.3	8.5	13.5
Kocmánek	RUZYNE	1971	-2.2	2.8	2.5	10.7	16
Kocmánek	RUZYNE	1972	-1.4	2.9	7.1	9.5	14.4
Kocmánek	RUZYNE	1973	0.6	2.7	6	7.4	15.1
Kocmánek	RUZYNE	1974	3.8	4.5	8.3	10.4	13.9
Kocmánek	RUZYNE	1975	4.8	1.4	5.6	9.3	14.7
Kocmánek	RUZYNE	1976	2.1	1.6	2.3	9.4	15.4
Kocmánek	RUZYNE	1977	0.5	3.3	8	8.1	14.6
Kocmánek	RUZYNE	1978	2	-0.6	6.5	9.2	13.6
Kocmánek	RUZYNE	1979	-3.4	0.7	5.9	8.8	15.8
Kocmánek	RUZYNE	1980	-2.8	3.3	4.5	7.3	12.4
Kocmánek	RUZYNE	1981	-1.2	1.4	8.6	9.3	15.6
Kocmánek	RUZYNE	1982	-3.3	0.4	6.2	8.2	15.7
Kocmánek	RUZYNE	1983	5	-0.8	6.2	11.6	15.1
Kocmánek	RUZYNE	1984	1.8	0.9	4.1	8.8	13.9
Kocmánek	RUZYNE	1985	-5	-2.4	4.8	10	16.1
Kocmánek	RUZYNE	1986	1.3	-4.8	5.1	10.4	17.5
Kocmánek	RUZYNE	1987	-5.2	0.4	0.8	11.1	12.9
Kocmánek	RUZYNE	1988	4	3.6	4.1	10.7	17
Kocmánek	RUZYNE	1989	2.6	4.9	8.7	10.3	16.1
Kocmánek	RUZYNE	1990	2.5	6.5	9.1	9.6	16.7
Kolesa	SEMCICE	1961	-0.7	4.9	8.3	13.6	12.7
Kolesa	SEMCICE	1962	1.8	1	1.8	11.4	12.5
Kolesa	SEMCICE	1963	-6.2	-4.2	3.7	10.8	14.8
Kolesa	SEMCICE	1964	-3.4	0.7	1.6	11.3	16.2
Kolesa	SEMCICE	1965	2.5	-0.8	3.3	9.1	12.9
Kolesa	SEMCICE	1966	-2.7	5.8	5.4	12	15.4
Kolesa	SEMCICE	1967	0.4	4	7.2	9.5	15.3
Kolesa	SEMCICE	1968	-0.7	2.6	6.4	11.3	13.8
Kolesa	SEMCICE	1969	-0.1	-0.3	2.3	9.4	16.9
Kolesa	SEMCICE	1970	-1.7	0.6	3.3	8.5	13.5
Kolesa	SEMCICE	1971	-2.2	2.8	2.5	10.7	16
Kolesa	SEMCICE	1972	-1.4	2.9	7.1	9.5	14.4
Kolesa	SEMCICE	1973	0.6	2.7	6	7.4	15.1
Kolesa	SEMCICE	1974	3.8	4.5	8.3	10.4	13.9
Kolesa	SEMCICE	1975	4.8	1.4	5.6	9.3	14.7
Kolesa	SEMCICE	1976	2.1	1.6	2.3	9.4	15.4
Kolesa	SEMCICE	1977	0.5	3.3	8	8.1	14.6
Kolesa	SEMCICE	1978	2	-0.6	6.5	9.2	13.6
Kolesa	SEMCICE	1979	-3.4	0.7	5.9	8.8	15.8

Kolesa	SEMCICE	1980	-2.8	3.3	4.5	7.3	12.4
Kolesa	SEMCICE	1981	-1.2	1.4	8.6	9.3	15.6
Kolesa	SEMCICE	1982	-3.3	0.4	6.2	8.2	15.7
Kolesa	SEMCICE	1983	5	-0.8	6.2	11.6	15.1
Kolesa	SEMCICE	1984	1.8	0.9	4.1	8.8	13.9
Kolesa	SEMCICE	1985	-5	-2.4	4.8	10	16.1
Kolesa	SEMCICE	1986	1.3	-4.8	5.1	10.4	17.5
Kolesa	SEMCICE	1987	-5.2	0.4	0.8	11.1	12.9
Kolesa	SEMCICE	1988	4	3.6	4.1	10.7	17
Kolesa	SEMCICE	1989	2.6	4.9	8.7	10.3	16.1
Kolesa	SEMCICE	1990	2.5	6.5	9.1	9.6	16.7
Kopecká	STMESTO	1961	-0.7	4.9	8.3	13.6	12.7
Kopecká	STMESTO	1962	1.8	1	1.8	11.4	12.5
Kopecká	STMESTO	1963	-6.2	-4.2	3.7	10.8	14.8
Kopecká	STMESTO	1964	-3.4	0.7	1.6	11.3	16.2
Kopecká	STMESTO	1965	2.5	-0.8	3.3	9.1	12.9
Kopecká	STMESTO	1966	-2.7	5.8	5.4	12	15.4
Kopecká	STMESTO	1967	0.4	4	7.2	9.5	15.3
Kopecká	STMESTO	1968	-0.7	2.6	6.4	11.3	13.8
Kopecká	STMESTO	1969	-0.1	-0.3	2.3	9.4	16.9
Kopecká	STMESTO	1970	-1.7	0.6	3.3	8.5	13.5
Kopecká	STMESTO	1971	-2.2	2.8	2.5	10.7	16
Kopecká	STMESTO	1972	-1.4	2.9	7.1	9.5	14.4
Kopecká	STMESTO	1973	0.6	2.7	6	7.4	15.1
Kopecká	STMESTO	1974	3.8	4.5	8.3	10.4	13.9
Kopecká	STMESTO	1975	4.8	1.4	5.6	9.3	14.7
Kopecká	STMESTO	1976	2.1	1.6	2.3	9.4	15.4
Kopecká	STMESTO	1977	0.5	3.3	8	8.1	14.6
Kopecká	STMESTO	1978	2	-0.6	6.5	9.2	13.6
Kopecká	STMESTO	1979	-3.4	0.7	5.9	8.8	15.8
Kopecká	STMESTO	1980	-2.8	3.3	4.5	7.3	12.4
Kopecká	STMESTO	1981	-1.2	1.4	8.6	9.3	15.6
Kopecká	STMESTO	1982	-3.3	0.4	6.2	8.2	15.7
Kopecká	STMESTO	1983	5	-0.8	6.2	11.6	15.1
Kopecká	STMESTO	1984	1.8	0.9	4.1	8.8	13.9
Kopecká	STMESTO	1985	-5	-2.4	4.8	10	16.1
Kopecká	STMESTO	1986	1.3	-4.8	5.1	10.4	17.5
Kopecká	STMESTO	1987	-5.2	0.4	0.8	11.1	12.9
Kopecká	STMESTO	1988	4	3.6	4.1	10.7	17
Kopecká	STMESTO	1989	2.6	4.9	8.7	10.3	16.1
Kopecká	STMESTO	1990	2.5	6.5	9.1	9.6	16.7
Kovařík	STRANI	1961	-0.7	4.9	8.3	13.6	12.7
Kovařík	STRANI	1962	1.8	1	1.8	11.4	12.5
Kovařík	STRANI	1963	-6.2	-4.2	3.7	10.8	14.8
Kovařík	STRANI	1964	-3.4	0.7	1.6	11.3	16.2
Kovařík	STRANI	1965	2.5	-0.8	3.3	9.1	12.9
Kovařík	STRANI	1966	-2.7	5.8	5.4	12	15.4
Kovařík	STRANI	1967	0.4	4	7.2	9.5	15.3
Kovařík	STRANI	1968	-0.7	2.6	6.4	11.3	13.8
Kovařík	STRANI	1969	-0.1	-0.3	2.3	9.4	16.9

Kovařík	STRANI	1970	-1.7	0.6	3.3	8.5	13.5
Kovařík	STRANI	1971	-2.2	2.8	2.5	10.7	16
Kovařík	STRANI	1972	-1.4	2.9	7.1	9.5	14.4
Kovařík	STRANI	1973	0.6	2.7	6	7.4	15.1
Kovařík	STRANI	1974	3.8	4.5	8.3	10.4	13.9
Kovařík	STRANI	1975	4.8	1.4	5.6	9.3	14.7
Kovařík	STRANI	1976	2.1	1.6	2.3	9.4	15.4
Kovařík	STRANI	1977	0.5	3.3	8	8.1	14.6
Kovařík	STRANI	1978	2	-0.6	6.5	9.2	13.6
Kovařík	STRANI	1979	-3.4	0.7	5.9	8.8	15.8
Kovařík	STRANI	1980	-2.8	3.3	4.5	7.3	12.4
Kovařík	STRANI	1981	-1.2	1.4	8.6	9.3	15.6
Kovařík	STRANI	1982	-3.3	0.4	6.2	8.2	15.7
Kovařík	STRANI	1983	5	-0.8	6.2	11.6	15.1
Kovařík	STRANI	1984	1.8	0.9	4.1	8.8	13.9
Kovařík	STRANI	1985	-5	-2.4	4.8	10	16.1
Kovařík	STRANI	1986	1.3	-4.8	5.1	10.4	17.5
Kovařík	STRANI	1987	-5.2	0.4	0.8	11.1	12.9
Kovařík	STRANI	1988	4	3.6	4.1	10.7	17
Kovařík	STRANI	1989	2.6	4.9	8.7	10.3	16.1
Kovařík	STRANI	1990	2.5	6.5	9.1	9.6	16.7
Kroupa	STRAZNIC	1961	-0.7	4.9	8.3	13.6	12.7
Kroupa	STRAZNIC	1962	1.8	1	1.8	11.4	12.5
Kroupa	STRAZNIC	1963	-6.2	-4.2	3.7	10.8	14.8
Kroupa	STRAZNIC	1964	-3.4	0.7	1.6	11.3	16.2
Kroupa	STRAZNIC	1965	2.5	-0.8	3.3	9.1	12.9
Kroupa	STRAZNIC	1966	-2.7	5.8	5.4	12	15.4
Kroupa	STRAZNIC	1967	0.4	4	7.2	9.5	15.3
Kroupa	STRAZNIC	1968	-0.7	2.6	6.4	11.3	13.8
Kroupa	STRAZNIC	1969	-0.1	-0.3	2.3	9.4	16.9
Kroupa	STRAZNIC	1970	-1.7	0.6	3.3	8.5	13.5
Kroupa	STRAZNIC	1971	-2.2	2.8	2.5	10.7	16
Kroupa	STRAZNIC	1972	-1.4	2.9	7.1	9.5	14.4
Kroupa	STRAZNIC	1973	0.6	2.7	6	7.4	15.1
Kroupa	STRAZNIC	1974	3.8	4.5	8.3	10.4	13.9
Kroupa	STRAZNIC	1975	4.8	1.4	5.6	9.3	14.7
Kroupa	STRAZNIC	1976	2.1	1.6	2.3	9.4	15.4
Kroupa	STRAZNIC	1977	0.5	3.3	8	8.1	14.6
Kroupa	STRAZNIC	1978	2	-0.6	6.5	9.2	13.6
Kroupa	STRAZNIC	1979	-3.4	0.7	5.9	8.8	15.8
Kroupa	STRAZNIC	1980	-2.8	3.3	4.5	7.3	12.4
Kroupa	STRAZNIC	1981	-1.2	1.4	8.6	9.3	15.6
Kroupa	STRAZNIC	1982	-3.3	0.4	6.2	8.2	15.7
Kroupa	STRAZNIC	1983	5	-0.8	6.2	11.6	15.1
Kroupa	STRAZNIC	1984	1.8	0.9	4.1	8.8	13.9
Kroupa	STRAZNIC	1985	-5	-2.4	4.8	10	16.1
Kroupa	STRAZNIC	1986	1.3	-4.8	5.1	10.4	17.5
Kroupa	STRAZNIC	1987	-5.2	0.4	0.8	11.1	12.9
Kroupa	STRAZNIC	1988	4	3.6	4.1	10.7	17
Kroupa	STRAZNIC	1989	2.6	4.9	8.7	10.3	16.1

Kroupa	STRAZNIC	1990	2.5	6.5	9.1	9.6	16.7
Kubíček	STRIBRO	1961	-0.7	4.9	8.3	13.6	12.7
Kubíček	STRIBRO	1962	1.8	1	1.8	11.4	12.5
Kubíček	STRIBRO	1963	-6.2	-4.2	3.7	10.8	14.8
Kubíček	STRIBRO	1964	-3.4	0.7	1.6	11.3	16.2
Kubíček	STRIBRO	1965	2.5	-0.8	3.3	9.1	12.9
Kubíček	STRIBRO	1966	-2.7	5.8	5.4	12	15.4
Kubíček	STRIBRO	1967	0.4	4	7.2	9.5	15.3
Kubíček	STRIBRO	1968	-0.7	2.6	6.4	11.3	13.8
Kubíček	STRIBRO	1969	-0.1	-0.3	2.3	9.4	16.9
Kubíček	STRIBRO	1970	-1.7	0.6	3.3	8.5	13.5
Kubíček	STRIBRO	1971	-2.2	2.8	2.5	10.7	16
Kubíček	STRIBRO	1972	-1.4	2.9	7.1	9.5	14.4
Kubíček	STRIBRO	1973	0.6	2.7	6	7.4	15.1
Kubíček	STRIBRO	1974	3.8	4.5	8.3	10.4	13.9
Kubíček	STRIBRO	1975	4.8	1.4	5.6	9.3	14.7
Kubíček	STRIBRO	1976	2.1	1.6	2.3	9.4	15.4
Kubíček	STRIBRO	1977	0.5	3.3	8	8.1	14.6
Kubíček	STRIBRO	1978	2	-0.6	6.5	9.2	13.6
Kubíček	STRIBRO	1979	-3.4	0.7	5.9	8.8	15.8
Kubíček	STRIBRO	1980	-2.8	3.3	4.5	7.3	12.4
Kubíček	STRIBRO	1981	-1.2	1.4	8.6	9.3	15.6
Kubíček	STRIBRO	1982	-3.3	0.4	6.2	8.2	15.7
Kubíček	STRIBRO	1983	5	-0.8	6.2	11.6	15.1
Kubíček	STRIBRO	1984	1.8	0.9	4.1	8.8	13.9
Kubíček	STRIBRO	1985	-5	-2.4	4.8	10	16.1
Kubíček	STRIBRO	1986	1.3	-4.8	5.1	10.4	17.5
Kubíček	STRIBRO	1987	-5.2	0.4	0.8	11.1	12.9
Kubíček	STRIBRO	1988	4	3.6	4.1	10.7	17
Kubíček	STRIBRO	1989	2.6	4.9	8.7	10.3	16.1
Kubíček	STRIBRO	1990	2.5	6.5	9.1	9.6	16.7
Kubík	STRAZNIC	1961	-0.7	4.9	8.3	13.6	12.7
Kubík	STRAZNIC	1962	1.8	1	1.8	11.4	12.5
Kubík	STRAZNIC	1963	-6.2	-4.2	3.7	10.8	14.8
Kubík	STRAZNIC	1964	-3.4	0.7	1.6	11.3	16.2
Kubík	STRAZNIC	1965	2.5	-0.8	3.3	9.1	12.9
Kubík	STRAZNIC	1966	-2.7	5.8	5.4	12	15.4
Kubík	STRAZNIC	1967	0.4	4	7.2	9.5	15.3
Kubík	STRAZNIC	1968	-0.7	2.6	6.4	11.3	13.8
Kubík	STRAZNIC	1969	-0.1	-0.3	2.3	9.4	16.9
Kubík	STRAZNIC	1970	-1.7	0.6	3.3	8.5	13.5
Kubík	STRAZNIC	1971	-2.2	2.8	2.5	10.7	16
Kubík	STRAZNIC	1972	-1.4	2.9	7.1	9.5	14.4
Kubík	STRAZNIC	1973	0.6	2.7	6	7.4	15.1
Kubík	STRAZNIC	1974	3.8	4.5	8.3	10.4	13.9
Kubík	STRAZNIC	1975	4.8	1.4	5.6	9.3	14.7
Kubík	STRAZNIC	1976	2.1	1.6	2.3	9.4	15.4
Kubík	STRAZNIC	1977	0.5	3.3	8	8.1	14.6
Kubík	STRAZNIC	1978	2	-0.6	6.5	9.2	13.6
Kubík	STRAZNIC	1979	-3.4	0.7	5.9	8.8	15.8

Kubík	STRAZNIC	1980	-2.8	3.3	4.5	7.3	12.4
Kubík	STRAZNIC	1981	-1.2	1.4	8.6	9.3	15.6
Kubík	STRAZNIC	1982	-3.3	0.4	6.2	8.2	15.7
Kubík	STRAZNIC	1983	5	-0.8	6.2	11.6	15.1
Kubík	STRAZNIC	1984	1.8	0.9	4.1	8.8	13.9
Kubík	STRAZNIC	1985	-5	-2.4	4.8	10	16.1
Kubík	STRAZNIC	1986	1.3	-4.8	5.1	10.4	17.5
Kubík	STRAZNIC	1987	-5.2	0.4	0.8	11.1	12.9
Kubík	STRAZNIC	1988	4	3.6	4.1	10.7	17
Kubík	STRAZNIC	1989	2.6	4.9	8.7	10.3	16.1
Kubík	STRAZNIC	1990	2.5	6.5	9.1	9.6	16.7
Kundriková	STRIBRO	1961	-0.7	4.9	8.3	13.6	12.7
Kundriková	STRIBRO	1962	1.8	1	1.8	11.4	12.5
Kundriková	STRIBRO	1963	-6.2	-4.2	3.7	10.8	14.8
Kundriková	STRIBRO	1964	-3.4	0.7	1.6	11.3	16.2
Kundriková	STRIBRO	1965	2.5	-0.8	3.3	9.1	12.9
Kundriková	STRIBRO	1966	-2.7	5.8	5.4	12	15.4
Kundriková	STRIBRO	1967	0.4	4	7.2	9.5	15.3
Kundriková	STRIBRO	1968	-0.7	2.6	6.4	11.3	13.8
Kundriková	STRIBRO	1969	-0.1	-0.3	2.3	9.4	16.9
Kundriková	STRIBRO	1970	-1.7	0.6	3.3	8.5	13.5
Kundriková	STRIBRO	1971	-2.2	2.8	2.5	10.7	16
Kundriková	STRIBRO	1972	-1.4	2.9	7.1	9.5	14.4
Kundriková	STRIBRO	1973	0.6	2.7	6	7.4	15.1
Kundriková	STRIBRO	1974	3.8	4.5	8.3	10.4	13.9
Kundriková	STRIBRO	1975	4.8	1.4	5.6	9.3	14.7
Kundriková	STRIBRO	1976	2.1	1.6	2.3	9.4	15.4
Kundriková	STRIBRO	1977	0.5	3.3	8	8.1	14.6
Kundriková	STRIBRO	1978	2	-0.6	6.5	9.2	13.6
Kundriková	STRIBRO	1979	-3.4	0.7	5.9	8.8	15.8
Kundriková	STRIBRO	1980	-2.8	3.3	4.5	7.3	12.4
Kundriková	STRIBRO	1981	-1.2	1.4	8.6	9.3	15.6
Kundriková	STRIBRO	1982	-3.3	0.4	6.2	8.2	15.7
Kundriková	STRIBRO	1983	5	-0.8	6.2	11.6	15.1
Kundriková	STRIBRO	1984	1.8	0.9	4.1	8.8	13.9
Kundriková	STRIBRO	1985	-5	-2.4	4.8	10	16.1
Kundriková	STRIBRO	1986	1.3	-4.8	5.1	10.4	17.5
Kundriková	STRIBRO	1987	-5.2	0.4	0.8	11.1	12.9
Kundriková	STRIBRO	1988	4	3.6	4.1	10.7	17
Kundriková	STRIBRO	1989	2.6	4.9	8.7	10.3	16.1
Kundriková	STRIBRO	1990	2.5	6.5	9.1	9.6	16.7
Kupčíková	SVRATOUC	1961	-0.7	4.9	8.3	13.6	12.7
Kupčíková	SVRATOUC	1962	1.8	1	1.8	11.4	12.5
Kupčíková	SVRATOUC	1963	-6.2	-4.2	3.7	10.8	14.8
Kupčíková	SVRATOUC	1964	-3.4	0.7	1.6	11.3	16.2
Kupčíková	SVRATOUC	1965	2.5	-0.8	3.3	9.1	12.9
Kupčíková	SVRATOUC	1966	-2.7	5.8	5.4	12	15.4
Kupčíková	SVRATOUC	1967	0.4	4	7.2	9.5	15.3
Kupčíková	SVRATOUC	1968	-0.7	2.6	6.4	11.3	13.8
Kupčíková	SVRATOUC	1969	-0.1	-0.3	2.3	9.4	16.9

Kupčíková	SVRATOUC	1970	-1.7	0.6	3.3	8.5	13.5
Kupčíková	SVRATOUC	1971	-2.2	2.8	2.5	10.7	16
Kupčíková	SVRATOUC	1972	-1.4	2.9	7.1	9.5	14.4
Kupčíková	SVRATOUC	1973	0.6	2.7	6	7.4	15.1
Kupčíková	SVRATOUC	1974	3.8	4.5	8.3	10.4	13.9
Kupčíková	SVRATOUC	1975	4.8	1.4	5.6	9.3	14.7
Kupčíková	SVRATOUC	1976	2.1	1.6	2.3	9.4	15.4
Kupčíková	SVRATOUC	1977	0.5	3.3	8	8.1	14.6
Kupčíková	SVRATOUC	1978	2	-0.6	6.5	9.2	13.6
Kupčíková	SVRATOUC	1979	-3.4	0.7	5.9	8.8	15.8
Kupčíková	SVRATOUC	1980	-2.8	3.3	4.5	7.3	12.4
Kupčíková	SVRATOUC	1981	-1.2	1.4	8.6	9.3	15.6
Kupčíková	SVRATOUC	1982	-3.3	0.4	6.2	8.2	15.7
Kupčíková	SVRATOUC	1983	5	-0.8	6.2	11.6	15.1
Kupčíková	SVRATOUC	1984	1.8	0.9	4.1	8.8	13.9
Kupčíková	SVRATOUC	1985	-5	-2.4	4.8	10	16.1
Kupčíková	SVRATOUC	1986	1.3	-4.8	5.1	10.4	17.5
Kupčíková	SVRATOUC	1987	-5.2	0.4	0.8	11.1	12.9
Kupčíková	SVRATOUC	1988	4	3.6	4.1	10.7	17
Kupčíková	SVRATOUC	1989	2.6	4.9	8.7	10.3	16.1
Kupčíková	SVRATOUC	1990	2.5	6.5	9.1	9.6	16.7
Lekeš	TABOR	1961	-0.7	4.9	8.3	13.6	12.7
Lekeš	TABOR	1962	1.8	1	1.8	11.4	12.5
Lekeš	TABOR	1963	-6.2	-4.2	3.7	10.8	14.8
Lekeš	TABOR	1964	-3.4	0.7	1.6	11.3	16.2
Lekeš	TABOR	1965	2.5	-0.8	3.3	9.1	12.9
Lekeš	TABOR	1966	-2.7	5.8	5.4	12	15.4
Lekeš	TABOR	1967	0.4	4	7.2	9.5	15.3
Lekeš	TABOR	1968	-0.7	2.6	6.4	11.3	13.8
Lekeš	TABOR	1969	-0.1	-0.3	2.3	9.4	16.9
Lekeš	TABOR	1970	-1.7	0.6	3.3	8.5	13.5
Lekeš	TABOR	1971	-2.2	2.8	2.5	10.7	16
Lekeš	TABOR	1972	-1.4	2.9	7.1	9.5	14.4
Lekeš	TABOR	1973	0.6	2.7	6	7.4	15.1
Lekeš	TABOR	1974	3.8	4.5	8.3	10.4	13.9
Lekeš	TABOR	1975	4.8	1.4	5.6	9.3	14.7
Lekeš	TABOR	1976	2.1	1.6	2.3	9.4	15.4
Lekeš	TABOR	1977	0.5	3.3	8	8.1	14.6
Lekeš	TABOR	1978	2	-0.6	6.5	9.2	13.6
Lekeš	TABOR	1979	-3.4	0.7	5.9	8.8	15.8
Lekeš	TABOR	1980	-2.8	3.3	4.5	7.3	12.4
Lekeš	TABOR	1981	-1.2	1.4	8.6	9.3	15.6
Lekeš	TABOR	1982	-3.3	0.4	6.2	8.2	15.7
Lekeš	TABOR	1983	5	-0.8	6.2	11.6	15.1
Lekeš	TABOR	1984	1.8	0.9	4.1	8.8	13.9
Lekeš	TABOR	1985	-5	-2.4	4.8	10	16.1
Lekeš	TABOR	1986	1.3	-4.8	5.1	10.4	17.5
Lekeš	TABOR	1987	-5.2	0.4	0.8	11.1	12.9
Lekeš	TABOR	1988	4	3.6	4.1	10.7	17
Lekeš	TABOR	1989	2.6	4.9	8.7	10.3	16.1

Lekeš	TABOR	1990	2.5	6.5	9.1	9.6	16.7
Lengal	VALMEZ	1961	-0.7	4.9	8.3	13.6	12.7
Lengal	VALMEZ	1962	1.8	1	1.8	11.4	12.5
Lengal	VALMEZ	1963	-6.2	-4.2	3.7	10.8	14.8
Lengal	VALMEZ	1964	-3.4	0.7	1.6	11.3	16.2
Lengal	VALMEZ	1965	2.5	-0.8	3.3	9.1	12.9
Lengal	VALMEZ	1966	-2.7	5.8	5.4	12	15.4
Lengal	VALMEZ	1967	0.4	4	7.2	9.5	15.3
Lengal	VALMEZ	1968	-0.7	2.6	6.4	11.3	13.8
Lengal	VALMEZ	1969	-0.1	-0.3	2.3	9.4	16.9
Lengal	VALMEZ	1970	-1.7	0.6	3.3	8.5	13.5
Lengal	VALMEZ	1971	-2.2	2.8	2.5	10.7	16
Lengal	VALMEZ	1972	-1.4	2.9	7.1	9.5	14.4
Lengal	VALMEZ	1973	0.6	2.7	6	7.4	15.1
Lengal	VALMEZ	1974	3.8	4.5	8.3	10.4	13.9
Lengal	VALMEZ	1975	4.8	1.4	5.6	9.3	14.7
Lengal	VALMEZ	1976	2.1	1.6	2.3	9.4	15.4
Lengal	VALMEZ	1977	0.5	3.3	8	8.1	14.6
Lengal	VALMEZ	1978	2	-0.6	6.5	9.2	13.6
Lengal	VALMEZ	1979	-3.4	0.7	5.9	8.8	15.8
Lengal	VALMEZ	1980	-2.8	3.3	4.5	7.3	12.4
Lengal	VALMEZ	1981	-1.2	1.4	8.6	9.3	15.6
Lengal	VALMEZ	1982	-3.3	0.4	6.2	8.2	15.7
Lengal	VALMEZ	1983	5	-0.8	6.2	11.6	15.1
Lengal	VALMEZ	1984	1.8	0.9	4.1	8.8	13.9
Lengal	VALMEZ	1985	-5	-2.4	4.8	10	16.1
Lengal	VALMEZ	1986	1.3	-4.8	5.1	10.4	17.5
Lengal	VALMEZ	1987	-5.2	0.4	0.8	11.1	12.9
Lengal	VALMEZ	1988	4	3.6	4.1	10.7	17
Lengal	VALMEZ	1989	2.6	4.9	8.7	10.3	16.1
Lengal	VALMEZ	1990	2.5	6.5	9.1	9.6	16.7
Lepka	VELMEZ	1961	-0.7	4.9	8.3	13.6	12.7
Lepka	VELMEZ	1962	1.8	1	1.8	11.4	12.5
Lepka	VELMEZ	1963	-6.2	-4.2	3.7	10.8	14.8
Lepka	VELMEZ	1964	-3.4	0.7	1.6	11.3	16.2
Lepka	VELMEZ	1965	2.5	-0.8	3.3	9.1	12.9
Lepka	VELMEZ	1966	-2.7	5.8	5.4	12	15.4
Lepka	VELMEZ	1967	0.4	4	7.2	9.5	15.3
Lepka	VELMEZ	1968	-0.7	2.6	6.4	11.3	13.8
Lepka	VELMEZ	1969	-0.1	-0.3	2.3	9.4	16.9
Lepka	VELMEZ	1970	-1.7	0.6	3.3	8.5	13.5
Lepka	VELMEZ	1971	-2.2	2.8	2.5	10.7	16
Lepka	VELMEZ	1972	-1.4	2.9	7.1	9.5	14.4
Lepka	VELMEZ	1973	0.6	2.7	6	7.4	15.1
Lepka	VELMEZ	1974	3.8	4.5	8.3	10.4	13.9
Lepka	VELMEZ	1975	4.8	1.4	5.6	9.3	14.7
Lepka	VELMEZ	1976	2.1	1.6	2.3	9.4	15.4
Lepka	VELMEZ	1977	0.5	3.3	8	8.1	14.6
Lepka	VELMEZ	1978	2	-0.6	6.5	9.2	13.6
Lepka	VELMEZ	1979	-3.4	0.7	5.9	8.8	15.8

Lepka	VELMEZ	1980	-2.8	3.3	4.5	7.3	12.4
Lepka	VELMEZ	1981	-1.2	1.4	8.6	9.3	15.6
Lepka	VELMEZ	1982	-3.3	0.4	6.2	8.2	15.7
Lepka	VELMEZ	1983	5	-0.8	6.2	11.6	15.1
Lepka	VELMEZ	1984	1.8	0.9	4.1	8.8	13.9
Lepka	VELMEZ	1985	-5	-2.4	4.8	10	16.1
Lepka	VELMEZ	1986	1.3	-4.8	5.1	10.4	17.5
Lepka	VELMEZ	1987	-5.2	0.4	0.8	11.1	12.9
Lepka	VELMEZ	1988	4	3.6	4.1	10.7	17
Lepka	VELMEZ	1989	2.6	4.9	8.7	10.3	16.1
Lepka	VELMEZ	1990	2.5	6.5	9.1	9.6	16.7
Líšková	VPAVLOVI	1961	-0.7	4.9	8.3	13.6	12.7
Líšková	VPAVLOVI	1962	1.8	1	1.8	11.4	12.5
Líšková	VPAVLOVI	1963	-6.2	-4.2	3.7	10.8	14.8
Líšková	VPAVLOVI	1964	-3.4	0.7	1.6	11.3	16.2
Líšková	VPAVLOVI	1965	2.5	-0.8	3.3	9.1	12.9
Líšková	VPAVLOVI	1966	-2.7	5.8	5.4	12	15.4
Líšková	VPAVLOVI	1967	0.4	4	7.2	9.5	15.3
Líšková	VPAVLOVI	1968	-0.7	2.6	6.4	11.3	13.8
Líšková	VPAVLOVI	1969	-0.1	-0.3	2.3	9.4	16.9
Líšková	VPAVLOVI	1970	-1.7	0.6	3.3	8.5	13.5
Líšková	VPAVLOVI	1971	-2.2	2.8	2.5	10.7	16
Líšková	VPAVLOVI	1972	-1.4	2.9	7.1	9.5	14.4
Líšková	VPAVLOVI	1973	0.6	2.7	6	7.4	15.1
Líšková	VPAVLOVI	1974	3.8	4.5	8.3	10.4	13.9
Líšková	VPAVLOVI	1975	4.8	1.4	5.6	9.3	14.7
Líšková	VPAVLOVI	1976	2.1	1.6	2.3	9.4	15.4
Líšková	VPAVLOVI	1977	0.5	3.3	8	8.1	14.6
Líšková	VPAVLOVI	1978	2	-0.6	6.5	9.2	13.6
Líšková	VPAVLOVI	1979	-3.4	0.7	5.9	8.8	15.8
Líšková	VPAVLOVI	1980	-2.8	3.3	4.5	7.3	12.4
Líšková	VPAVLOVI	1981	-1.2	1.4	8.6	9.3	15.6
Líšková	VPAVLOVI	1982	-3.3	0.4	6.2	8.2	15.7
Líšková	VPAVLOVI	1983	5	-0.8	6.2	11.6	15.1
Líšková	VPAVLOVI	1984	1.8	0.9	4.1	8.8	13.9
Líšková	VPAVLOVI	1985	-5	-2.4	4.8	10	16.1
Líšková	VPAVLOVI	1986	1.3	-4.8	5.1	10.4	17.5
Líšková	VPAVLOVI	1987	-5.2	0.4	0.8	11.1	12.9
Líšková	VPAVLOVI	1988	4	3.6	4.1	10.7	17
Líšková	VPAVLOVI	1989	2.6	4.9	8.7	10.3	16.1
Líšková	VPAVLOVI	1990	2.5	6.5	9.1	9.6	16.7
Machová	VYSBROD	1961	-0.7	4.9	8.3	13.6	12.7
Machová	VYSBROD	1962	1.8	1	1.8	11.4	12.5
Machová	VYSBROD	1963	-6.2	-4.2	3.7	10.8	14.8
Machová	VYSBROD	1964	-3.4	0.7	1.6	11.3	16.2
Machová	VYSBROD	1965	2.5	-0.8	3.3	9.1	12.9
Machová	VYSBROD	1966	-2.7	5.8	5.4	12	15.4
Machová	VYSBROD	1967	0.4	4	7.2	9.5	15.3
Machová	VYSBROD	1968	-0.7	2.6	6.4	11.3	13.8
Machová	VYSBROD	1969	-0.1	-0.3	2.3	9.4	16.9

Machová	VYSBROD	1970	-1.7	0.6	3.3	8.5	13.5
Machová	VYSBROD	1971	-2.2	2.8	2.5	10.7	16
Machová	VYSBROD	1972	-1.4	2.9	7.1	9.5	14.4
Machová	VYSBROD	1973	0.6	2.7	6	7.4	15.1
Machová	VYSBROD	1974	3.8	4.5	8.3	10.4	13.9
Machová	VYSBROD	1975	4.8	1.4	5.6	9.3	14.7
Machová	VYSBROD	1976	2.1	1.6	2.3	9.4	15.4
Machová	VYSBROD	1977	0.5	3.3	8	8.1	14.6
Machová	VYSBROD	1978	2	-0.6	6.5	9.2	13.6
Machová	VYSBROD	1979	-3.4	0.7	5.9	8.8	15.8
Machová	VYSBROD	1980	-2.8	3.3	4.5	7.3	12.4
Machová	VYSBROD	1981	-1.2	1.4	8.6	9.3	15.6
Machová	VYSBROD	1982	-3.3	0.4	6.2	8.2	15.7
Machová	VYSBROD	1983	5	-0.8	6.2	11.6	15.1
Machová	VYSBROD	1984	1.8	0.9	4.1	8.8	13.9
Machová	VYSBROD	1985	-5	-2.4	4.8	10	16.1
Machová	VYSBROD	1986	1.3	-4.8	5.1	10.4	17.5
Machová	VYSBROD	1987	-5.2	0.4	0.8	11.1	12.9
Machová	VYSBROD	1988	4	3.6	4.1	10.7	17
Machová	VYSBROD	1989	2.6	4.9	8.7	10.3	16.1
Machová	VYSBROD	1990	2.5	6.5	9.1	9.6	16.7
Mariánková	ZATEC	1961	-0.7	4.9	8.3	13.6	12.7
Mariánková	ZATEC	1962	1.8	1	1.8	11.4	12.5
Mariánková	ZATEC	1963	-6.2	-4.2	3.7	10.8	14.8
Mariánková	ZATEC	1964	-3.4	0.7	1.6	11.3	16.2
Mariánková	ZATEC	1965	2.5	-0.8	3.3	9.1	12.9
Mariánková	ZATEC	1966	-2.7	5.8	5.4	12	15.4
Mariánková	ZATEC	1967	0.4	4	7.2	9.5	15.3
Mariánková	ZATEC	1968	-0.7	2.6	6.4	11.3	13.8
Mariánková	ZATEC	1969	-0.1	-0.3	2.3	9.4	16.9
Mariánková	ZATEC	1970	-1.7	0.6	3.3	8.5	13.5
Mariánková	ZATEC	1971	-2.2	2.8	2.5	10.7	16
Mariánková	ZATEC	1972	-1.4	2.9	7.1	9.5	14.4
Mariánková	ZATEC	1973	0.6	2.7	6	7.4	15.1
Mariánková	ZATEC	1974	3.8	4.5	8.3	10.4	13.9
Mariánková	ZATEC	1975	4.8	1.4	5.6	9.3	14.7
Mariánková	ZATEC	1976	2.1	1.6	2.3	9.4	15.4
Mariánková	ZATEC	1977	0.5	3.3	8	8.1	14.6
Mariánková	ZATEC	1978	2	-0.6	6.5	9.2	13.6
Mariánková	ZATEC	1979	-3.4	0.7	5.9	8.8	15.8
Mariánková	ZATEC	1980	-2.8	3.3	4.5	7.3	12.4
Mariánková	ZATEC	1981	-1.2	1.4	8.6	9.3	15.6
Mariánková	ZATEC	1982	-3.3	0.4	6.2	8.2	15.7
Mariánková	ZATEC	1983	5	-0.8	6.2	11.6	15.1
Mariánková	ZATEC	1984	1.8	0.9	4.1	8.8	13.9
Mariánková	ZATEC	1985	-5	-2.4	4.8	10	16.1
Mariánková	ZATEC	1986	1.3	-4.8	5.1	10.4	17.5
Mariánková	ZATEC	1987	-5.2	0.4	0.8	11.1	12.9
Mariánková	ZATEC	1988	4	3.6	4.1	10.7	17
Mariánková	ZATEC	1989	2.6	4.9	8.7	10.3	16.1

Mariánková	ZATEC	1990	2.5	6.5	9.1	9.6	16.7
Maršálková	AS	1961	-0.7	4.9	8.3	13.6	12.7
Maršálková	AS	1962	1.8	1	1.8	11.4	12.5
Maršálková	AS	1963	-6.2	-4.2	3.7	10.8	14.8
Maršálková	AS	1964	-3.4	0.7	1.6	11.3	16.2
Maršálková	AS	1965	2.5	-0.8	3.3	9.1	12.9
Maršálková	AS	1966	-2.7	5.8	5.4	12	15.4
Maršálková	AS	1967	0.4	4	7.2	9.5	15.3
Maršálková	AS	1968	-0.7	2.6	6.4	11.3	13.8
Maršálková	AS	1969	-0.1	-0.3	2.3	9.4	16.9
Maršálková	AS	1970	-1.7	0.6	3.3	8.5	13.5
Maršálková	AS	1971	-2.2	2.8	2.5	10.7	16
Maršálková	AS	1972	-1.4	2.9	7.1	9.5	14.4
Maršálková	AS	1973	0.6	2.7	6	7.4	15.1
Maršálková	AS	1974	3.8	4.5	8.3	10.4	13.9
Maršálková	AS	1975	4.8	1.4	5.6	9.3	14.7
Maršálková	AS	1976	2.1	1.6	2.3	9.4	15.4
Maršálková	AS	1977	0.5	3.3	8	8.1	14.6
Maršálková	AS	1978	2	-0.6	6.5	9.2	13.6
Maršálková	AS	1979	-3.4	0.7	5.9	8.8	15.8
Maršálková	AS	1980	-2.8	3.3	4.5	7.3	12.4
Maršálková	AS	1981	-1.2	1.4	8.6	9.3	15.6
Maršálková	AS	1982	-3.3	0.4	6.2	8.2	15.7
Maršálková	AS	1983	5	-0.8	6.2	11.6	15.1
Maršálková	AS	1984	1.8	0.9	4.1	8.8	13.9
Maršálková	AS	1985	-5	-2.4	4.8	10	16.1
Maršálková	AS	1986	1.3	-4.8	5.1	10.4	17.5
Maršálková	AS	1987	-5.2	0.4	0.8	11.1	12.9
Maršálková	AS	1988	4	3.6	4.1	10.7	17
Maršálková	AS	1989	2.6	4.9	8.7	10.3	16.1
Maršálková	AS	1990	2.5	6.5	9.1	9.6	16.7
Matulík	BYLNICE	1961	-0.7	4.9	8.3	13.6	12.7
Matulík	BYLNICE	1962	1.8	1	1.8	11.4	12.5
Matulík	BYLNICE	1963	-6.2	-4.2	3.7	10.8	14.8
Matulík	BYLNICE	1964	-3.4	0.7	1.6	11.3	16.2
Matulík	BYLNICE	1965	2.5	-0.8	3.3	9.1	12.9
Matulík	BYLNICE	1966	-2.7	5.8	5.4	12	15.4
Matulík	BYLNICE	1967	0.4	4	7.2	9.5	15.3
Matulík	BYLNICE	1968	-0.7	2.6	6.4	11.3	13.8
Matulík	BYLNICE	1969	-0.1	-0.3	2.3	9.4	16.9
Matulík	BYLNICE	1970	-1.7	0.6	3.3	8.5	13.5
Matulík	BYLNICE	1971	-2.2	2.8	2.5	10.7	16
Matulík	BYLNICE	1972	-1.4	2.9	7.1	9.5	14.4
Matulík	BYLNICE	1973	0.6	2.7	6	7.4	15.1
Matulík	BYLNICE	1974	3.8	4.5	8.3	10.4	13.9
Matulík	BYLNICE	1975	4.8	1.4	5.6	9.3	14.7
Matulík	BYLNICE	1976	2.1	1.6	2.3	9.4	15.4
Matulík	BYLNICE	1977	0.5	3.3	8	8.1	14.6
Matulík	BYLNICE	1978	2	-0.6	6.5	9.2	13.6
Matulík	BYLNICE	1979	-3.4	0.7	5.9	8.8	15.8

Matulík	BYLNICE	1980	-2.8	3.3	4.5	7.3	12.4
Matulík	BYLNICE	1981	-1.2	1.4	8.6	9.3	15.6
Matulík	BYLNICE	1982	-3.3	0.4	6.2	8.2	15.7
Matulík	BYLNICE	1983	5	-0.8	6.2	11.6	15.1
Matulík	BYLNICE	1984	1.8	0.9	4.1	8.8	13.9
Matulík	BYLNICE	1985	-5	-2.4	4.8	10	16.1
Matulík	BYLNICE	1986	1.3	-4.8	5.1	10.4	17.5
Matulík	BYLNICE	1987	-5.2	0.4	0.8	11.1	12.9
Matulík	BYLNICE	1988	4	3.6	4.1	10.7	17
Matulík	BYLNICE	1989	2.6	4.9	8.7	10.3	16.1
Matulík	BYLNICE	1990	2.5	6.5	9.1	9.6	16.7
Matyáš	BENECKO	1961	-0.7	4.9	8.3	13.6	12.7
Matyáš	BENECKO	1962	1.8	1	1.8	11.4	12.5
Matyáš	BENECKO	1963	-6.2	-4.2	3.7	10.8	14.8
Matyáš	BENECKO	1964	-3.4	0.7	1.6	11.3	16.2
Matyáš	BENECKO	1965	2.5	-0.8	3.3	9.1	12.9
Matyáš	BENECKO	1966	-2.7	5.8	5.4	12	15.4
Matyáš	BENECKO	1967	0.4	4	7.2	9.5	15.3
Matyáš	BENECKO	1968	-0.7	2.6	6.4	11.3	13.8
Matyáš	BENECKO	1969	-0.1	-0.3	2.3	9.4	16.9
Matyáš	BENECKO	1970	-1.7	0.6	3.3	8.5	13.5
Matyáš	BENECKO	1971	-2.2	2.8	2.5	10.7	16
Matyáš	BENECKO	1972	-1.4	2.9	7.1	9.5	14.4
Matyáš	BENECKO	1973	0.6	2.7	6	7.4	15.1
Matyáš	BENECKO	1974	3.8	4.5	8.3	10.4	13.9
Matyáš	BENECKO	1975	4.8	1.4	5.6	9.3	14.7
Matyáš	BENECKO	1976	2.1	1.6	2.3	9.4	15.4
Matyáš	BENECKO	1977	0.5	3.3	8	8.1	14.6
Matyáš	BENECKO	1978	2	-0.6	6.5	9.2	13.6
Matyáš	BENECKO	1979	-3.4	0.7	5.9	8.8	15.8
Matyáš	BENECKO	1980	-2.8	3.3	4.5	7.3	12.4
Matyáš	BENECKO	1981	-1.2	1.4	8.6	9.3	15.6
Matyáš	BENECKO	1982	-3.3	0.4	6.2	8.2	15.7
Matyáš	BENECKO	1983	5	-0.8	6.2	11.6	15.1
Matyáš	BENECKO	1984	1.8	0.9	4.1	8.8	13.9
Matyáš	BENECKO	1985	-5	-2.4	4.8	10	16.1
Matyáš	BENECKO	1986	1.3	-4.8	5.1	10.4	17.5
Matyáš	BENECKO	1987	-5.2	0.4	0.8	11.1	12.9
Matyáš	BENECKO	1988	4	3.6	4.1	10.7	17
Matyáš	BENECKO	1989	2.6	4.9	8.7	10.3	16.1
Matyáš	BENECKO	1990	2.5	6.5	9.1	9.6	16.7
Mikulíková	BPHOSTYN	1961	-0.7	4.9	8.3	13.6	12.7
Mikulíková	BPHOSTYN	1962	1.8	1	1.8	11.4	12.5
Mikulíková	BPHOSTYN	1963	-6.2	-4.2	3.7	10.8	14.8
Mikulíková	BPHOSTYN	1964	-3.4	0.7	1.6	11.3	16.2
Mikulíková	BPHOSTYN	1965	2.5	-0.8	3.3	9.1	12.9
Mikulíková	BPHOSTYN	1966	-2.7	5.8	5.4	12	15.4
Mikulíková	BPHOSTYN	1967	0.4	4	7.2	9.5	15.3
Mikulíková	BPHOSTYN	1968	-0.7	2.6	6.4	11.3	13.8
Mikulíková	BPHOSTYN	1969	-0.1	-0.3	2.3	9.4	16.9

Mikulíková	BPHOSTYN	1970	-1.7	0.6	3.3	8.5	13.5
Mikulíková	BPHOSTYN	1971	-2.2	2.8	2.5	10.7	16
Mikulíková	BPHOSTYN	1972	-1.4	2.9	7.1	9.5	14.4
Mikulíková	BPHOSTYN	1973	0.6	2.7	6	7.4	15.1
Mikulíková	BPHOSTYN	1974	3.8	4.5	8.3	10.4	13.9
Mikulíková	BPHOSTYN	1975	4.8	1.4	5.6	9.3	14.7
Mikulíková	BPHOSTYN	1976	2.1	1.6	2.3	9.4	15.4
Mikulíková	BPHOSTYN	1977	0.5	3.3	8	8.1	14.6
Mikulíková	BPHOSTYN	1978	2	-0.6	6.5	9.2	13.6
Mikulíková	BPHOSTYN	1979	-3.4	0.7	5.9	8.8	15.8
Mikulíková	BPHOSTYN	1980	-2.8	3.3	4.5	7.3	12.4
Mikulíková	BPHOSTYN	1981	-1.2	1.4	8.6	9.3	15.6
Mikulíková	BPHOSTYN	1982	-3.3	0.4	6.2	8.2	15.7
Mikulíková	BPHOSTYN	1983	5	-0.8	6.2	11.6	15.1
Mikulíková	BPHOSTYN	1984	1.8	0.9	4.1	8.8	13.9
Mikulíková	BPHOSTYN	1985	-5	-2.4	4.8	10	16.1
Mikulíková	BPHOSTYN	1986	1.3	-4.8	5.1	10.4	17.5
Mikulíková	BPHOSTYN	1987	-5.2	0.4	0.8	11.1	12.9
Mikulíková	BPHOSTYN	1988	4	3.6	4.1	10.7	17
Mikulíková	BPHOSTYN	1989	2.6	4.9	8.7	10.3	16.1
Mikulíková	BPHOSTYN	1990	2.5	6.5	9.1	9.6	16.7
Možný	BRANDYS	1961	-0.7	4.9	8.3	13.6	12.7
Možný	BRANDYS	1962	1.8	1	1.8	11.4	12.5
Možný	BRANDYS	1963	-6.2	-4.2	3.7	10.8	14.8
Možný	BRANDYS	1964	-3.4	0.7	1.6	11.3	16.2
Možný	BRANDYS	1965	2.5	-0.8	3.3	9.1	12.9
Možný	BRANDYS	1966	-2.7	5.8	5.4	12	15.4
Možný	BRANDYS	1967	0.4	4	7.2	9.5	15.3
Možný	BRANDYS	1968	-0.7	2.6	6.4	11.3	13.8
Možný	BRANDYS	1969	-0.1	-0.3	2.3	9.4	16.9
Možný	BRANDYS	1970	-1.7	0.6	3.3	8.5	13.5
Možný	BRANDYS	1971	-2.2	2.8	2.5	10.7	16
Možný	BRANDYS	1972	-1.4	2.9	7.1	9.5	14.4
Možný	BRANDYS	1973	0.6	2.7	6	7.4	15.1
Možný	BRANDYS	1974	3.8	4.5	8.3	10.4	13.9
Možný	BRANDYS	1975	4.8	1.4	5.6	9.3	14.7
Možný	BRANDYS	1976	2.1	1.6	2.3	9.4	15.4
Možný	BRANDYS	1977	0.5	3.3	8	8.1	14.6
Možný	BRANDYS	1978	2	-0.6	6.5	9.2	13.6
Možný	BRANDYS	1979	-3.4	0.7	5.9	8.8	15.8
Možný	BRANDYS	1980	-2.8	3.3	4.5	7.3	12.4
Možný	BRANDYS	1981	-1.2	1.4	8.6	9.3	15.6
Možný	BRANDYS	1982	-3.3	0.4	6.2	8.2	15.7
Možný	BRANDYS	1983	5	-0.8	6.2	11.6	15.1
Možný	BRANDYS	1984	1.8	0.9	4.1	8.8	13.9
Možný	BRANDYS	1985	-5	-2.4	4.8	10	16.1
Možný	BRANDYS	1986	1.3	-4.8	5.1	10.4	17.5
Možný	BRANDYS	1987	-5.2	0.4	0.8	11.1	12.9
Možný	BRANDYS	1988	4	3.6	4.1	10.7	17
Možný	BRANDYS	1989	2.6	4.9	8.7	10.3	16.1

Možný	BRANDYS	1990	2.5	6.5	9.1	9.6	16.7
Mrvová	BROUMOV	1961	-0.7	4.9	8.3	13.6	12.7
Mrvová	BROUMOV	1962	1.8	1	1.8	11.4	12.5
Mrvová	BROUMOV	1963	-6.2	-4.2	3.7	10.8	14.8
Mrvová	BROUMOV	1964	-3.4	0.7	1.6	11.3	16.2
Mrvová	BROUMOV	1965	2.5	-0.8	3.3	9.1	12.9
Mrvová	BROUMOV	1966	-2.7	5.8	5.4	12	15.4
Mrvová	BROUMOV	1967	0.4	4	7.2	9.5	15.3
Mrvová	BROUMOV	1968	-0.7	2.6	6.4	11.3	13.8
Mrvová	BROUMOV	1969	-0.1	-0.3	2.3	9.4	16.9
Mrvová	BROUMOV	1970	-1.7	0.6	3.3	8.5	13.5
Mrvová	BROUMOV	1971	-2.2	2.8	2.5	10.7	16
Mrvová	BROUMOV	1972	-1.4	2.9	7.1	9.5	14.4
Mrvová	BROUMOV	1973	0.6	2.7	6	7.4	15.1
Mrvová	BROUMOV	1974	3.8	4.5	8.3	10.4	13.9
Mrvová	BROUMOV	1975	4.8	1.4	5.6	9.3	14.7
Mrvová	BROUMOV	1976	2.1	1.6	2.3	9.4	15.4
Mrvová	BROUMOV	1977	0.5	3.3	8	8.1	14.6
Mrvová	BROUMOV	1978	2	-0.6	6.5	9.2	13.6
Mrvová	BROUMOV	1979	-3.4	0.7	5.9	8.8	15.8
Mrvová	BROUMOV	1980	-2.8	3.3	4.5	7.3	12.4
Mrvová	BROUMOV	1981	-1.2	1.4	8.6	9.3	15.6
Mrvová	BROUMOV	1982	-3.3	0.4	6.2	8.2	15.7
Mrvová	BROUMOV	1983	5	-0.8	6.2	11.6	15.1
Mrvová	BROUMOV	1984	1.8	0.9	4.1	8.8	13.9
Mrvová	BROUMOV	1985	-5	-2.4	4.8	10	16.1
Mrvová	BROUMOV	1986	1.3	-4.8	5.1	10.4	17.5
Mrvová	BROUMOV	1987	-5.2	0.4	0.8	11.1	12.9
Mrvová	BROUMOV	1988	4	3.6	4.1	10.7	17
Mrvová	BROUMOV	1989	2.6	4.9	8.7	10.3	16.1
Mrvová	BROUMOV	1990	2.5	6.5	9.1	9.6	16.7
Myšák	BTURANY	1961	-0.7	4.9	8.3	13.6	12.7
Myšák	BTURANY	1962	1.8	1	1.8	11.4	12.5
Myšák	BTURANY	1963	-6.2	-4.2	3.7	10.8	14.8
Myšák	BTURANY	1964	-3.4	0.7	1.6	11.3	16.2
Myšák	BTURANY	1965	2.5	-0.8	3.3	9.1	12.9
Myšák	BTURANY	1966	-2.7	5.8	5.4	12	15.4
Myšák	BTURANY	1967	0.4	4	7.2	9.5	15.3
Myšák	BTURANY	1968	-0.7	2.6	6.4	11.3	13.8
Myšák	BTURANY	1969	-0.1	-0.3	2.3	9.4	16.9
Myšák	BTURANY	1970	-1.7	0.6	3.3	8.5	13.5
Myšák	BTURANY	1971	-2.2	2.8	2.5	10.7	16
Myšák	BTURANY	1972	-1.4	2.9	7.1	9.5	14.4
Myšák	BTURANY	1973	0.6	2.7	6	7.4	15.1
Myšák	BTURANY	1974	3.8	4.5	8.3	10.4	13.9
Myšák	BTURANY	1975	4.8	1.4	5.6	9.3	14.7
Myšák	BTURANY	1976	2.1	1.6	2.3	9.4	15.4
Myšák	BTURANY	1977	0.5	3.3	8	8.1	14.6
Myšák	BTURANY	1978	2	-0.6	6.5	9.2	13.6
Myšák	BTURANY	1979	-3.4	0.7	5.9	8.8	15.8

Myšák	BTURANY	1980	-2.8	3.3	4.5	7.3	12.4
Myšák	BTURANY	1981	-1.2	1.4	8.6	9.3	15.6
Myšák	BTURANY	1982	-3.3	0.4	6.2	8.2	15.7
Myšák	BTURANY	1983	5	-0.8	6.2	11.6	15.1
Myšák	BTURANY	1984	1.8	0.9	4.1	8.8	13.9
Myšák	BTURANY	1985	-5	-2.4	4.8	10	16.1
Myšák	BTURANY	1986	1.3	-4.8	5.1	10.4	17.5
Myšák	BTURANY	1987	-5.2	0.4	0.8	11.1	12.9
Myšák	BTURANY	1988	4	3.6	4.1	10.7	17
Myšák	BTURANY	1989	2.6	4.9	8.7	10.3	16.1
Myšák	BTURANY	1990	2.5	6.5	9.1	9.6	16.7
Navara	BYSTRICE	1961	-0.7	4.9	8.3	13.6	12.7
Navara	BYSTRICE	1962	1.8	1	1.8	11.4	12.5
Navara	BYSTRICE	1963	-6.2	-4.2	3.7	10.8	14.8
Navara	BYSTRICE	1964	-3.4	0.7	1.6	11.3	16.2
Navara	BYSTRICE	1965	2.5	-0.8	3.3	9.1	12.9
Navara	BYSTRICE	1966	-2.7	5.8	5.4	12	15.4
Navara	BYSTRICE	1967	0.4	4	7.2	9.5	15.3
Navara	BYSTRICE	1968	-0.7	2.6	6.4	11.3	13.8
Navara	BYSTRICE	1969	-0.1	-0.3	2.3	9.4	16.9
Navara	BYSTRICE	1970	-1.7	0.6	3.3	8.5	13.5
Navara	BYSTRICE	1971	-2.2	2.8	2.5	10.7	16
Navara	BYSTRICE	1972	-1.4	2.9	7.1	9.5	14.4
Navara	BYSTRICE	1973	0.6	2.7	6	7.4	15.1
Navara	BYSTRICE	1974	3.8	4.5	8.3	10.4	13.9
Navara	BYSTRICE	1975	4.8	1.4	5.6	9.3	14.7
Navara	BYSTRICE	1976	2.1	1.6	2.3	9.4	15.4
Navara	BYSTRICE	1977	0.5	3.3	8	8.1	14.6
Navara	BYSTRICE	1978	2	-0.6	6.5	9.2	13.6
Navara	BYSTRICE	1979	-3.4	0.7	5.9	8.8	15.8
Navara	BYSTRICE	1980	-2.8	3.3	4.5	7.3	12.4
Navara	BYSTRICE	1981	-1.2	1.4	8.6	9.3	15.6
Navara	BYSTRICE	1982	-3.3	0.4	6.2	8.2	15.7
Navara	BYSTRICE	1983	5	-0.8	6.2	11.6	15.1
Navara	BYSTRICE	1984	1.8	0.9	4.1	8.8	13.9
Navara	BYSTRICE	1985	-5	-2.4	4.8	10	16.1
Navara	BYSTRICE	1986	1.3	-4.8	5.1	10.4	17.5
Navara	BYSTRICE	1987	-5.2	0.4	0.8	11.1	12.9
Navara	BYSTRICE	1988	4	3.6	4.1	10.7	17
Navara	BYSTRICE	1989	2.6	4.9	8.7	10.3	16.1
Navara	BYSTRICE	1990	2.5	6.5	9.1	9.6	16.7
Nekvapilová	CBUDEJOV	1961	-0.7	4.9	8.3	13.6	12.7
Nekvapilová	CBUDEJOV	1962	1.8	1	1.8	11.4	12.5
Nekvapilová	CBUDEJOV	1963	-6.2	-4.2	3.7	10.8	14.8
Nekvapilová	CBUDEJOV	1964	-3.4	0.7	1.6	11.3	16.2
Nekvapilová	CBUDEJOV	1965	2.5	-0.8	3.3	9.1	12.9
Nekvapilová	CBUDEJOV	1966	-2.7	5.8	5.4	12	15.4
Nekvapilová	CBUDEJOV	1967	0.4	4	7.2	9.5	15.3
Nekvapilová	CBUDEJOV	1968	-0.7	2.6	6.4	11.3	13.8
Nekvapilová	CBUDEJOV	1969	-0.1	-0.3	2.3	9.4	16.9

Nekvapilová	CBUDEJOV	1970	-1.7	0.6	3.3	8.5	13.5
Nekvapilová	CBUDEJOV	1971	-2.2	2.8	2.5	10.7	16
Nekvapilová	CBUDEJOV	1972	-1.4	2.9	7.1	9.5	14.4
Nekvapilová	CBUDEJOV	1973	0.6	2.7	6	7.4	15.1
Nekvapilová	CBUDEJOV	1974	3.8	4.5	8.3	10.4	13.9
Nekvapilová	CBUDEJOV	1975	4.8	1.4	5.6	9.3	14.7
Nekvapilová	CBUDEJOV	1976	2.1	1.6	2.3	9.4	15.4
Nekvapilová	CBUDEJOV	1977	0.5	3.3	8	8.1	14.6
Nekvapilová	CBUDEJOV	1978	2	-0.6	6.5	9.2	13.6
Nekvapilová	CBUDEJOV	1979	-3.4	0.7	5.9	8.8	15.8
Nekvapilová	CBUDEJOV	1980	-2.8	3.3	4.5	7.3	12.4
Nekvapilová	CBUDEJOV	1981	-1.2	1.4	8.6	9.3	15.6
Nekvapilová	CBUDEJOV	1982	-3.3	0.4	6.2	8.2	15.7
Nekvapilová	CBUDEJOV	1983	5	-0.8	6.2	11.6	15.1
Nekvapilová	CBUDEJOV	1984	1.8	0.9	4.1	8.8	13.9
Nekvapilová	CBUDEJOV	1985	-5	-2.4	4.8	10	16.1
Nekvapilová	CBUDEJOV	1986	1.3	-4.8	5.1	10.4	17.5
Nekvapilová	CBUDEJOV	1987	-5.2	0.4	0.8	11.1	12.9
Nekvapilová	CBUDEJOV	1988	4	3.6	4.1	10.7	17
Nekvapilová	CBUDEJOV	1989	2.6	4.9	8.7	10.3	16.1
Nekvapilová	CBUDEJOV	1990	2.5	6.5	9.1	9.6	16.7
Nemec	CECHTICE	1961	-0.7	4.9	8.3	13.6	12.7
Nemec	CECHTICE	1962	1.8	1	1.8	11.4	12.5
Nemec	CECHTICE	1963	-6.2	-4.2	3.7	10.8	14.8
Nemec	CECHTICE	1964	-3.4	0.7	1.6	11.3	16.2
Nemec	CECHTICE	1965	2.5	-0.8	3.3	9.1	12.9
Nemec	CECHTICE	1966	-2.7	5.8	5.4	12	15.4
Nemec	CECHTICE	1967	0.4	4	7.2	9.5	15.3
Nemec	CECHTICE	1968	-0.7	2.6	6.4	11.3	13.8
Nemec	CECHTICE	1969	-0.1	-0.3	2.3	9.4	16.9
Nemec	CECHTICE	1970	-1.7	0.6	3.3	8.5	13.5
Nemec	CECHTICE	1971	-2.2	2.8	2.5	10.7	16
Nemec	CECHTICE	1972	-1.4	2.9	7.1	9.5	14.4
Nemec	CECHTICE	1973	0.6	2.7	6	7.4	15.1
Nemec	CECHTICE	1974	3.8	4.5	8.3	10.4	13.9
Nemec	CECHTICE	1975	4.8	1.4	5.6	9.3	14.7
Nemec	CECHTICE	1976	2.1	1.6	2.3	9.4	15.4
Nemec	CECHTICE	1977	0.5	3.3	8	8.1	14.6
Nemec	CECHTICE	1978	2	-0.6	6.5	9.2	13.6
Nemec	CECHTICE	1979	-3.4	0.7	5.9	8.8	15.8
Nemec	CECHTICE	1980	-2.8	3.3	4.5	7.3	12.4
Nemec	CECHTICE	1981	-1.2	1.4	8.6	9.3	15.6
Nemec	CECHTICE	1982	-3.3	0.4	6.2	8.2	15.7
Nemec	CECHTICE	1983	5	-0.8	6.2	11.6	15.1
Nemec	CECHTICE	1984	1.8	0.9	4.1	8.8	13.9
Nemec	CECHTICE	1985	-5	-2.4	4.8	10	16.1
Nemec	CECHTICE	1986	1.3	-4.8	5.1	10.4	17.5
Nemec	CECHTICE	1987	-5.2	0.4	0.8	11.1	12.9
Nemec	CECHTICE	1988	4	3.6	4.1	10.7	17
Nemec	CECHTICE	1989	2.6	4.9	8.7	10.3	16.1

Nemec	CECHTICE	1990	2.5	6.5	9.1	9.6	16.7
Novák	CERVENA	1961	-0.7	4.9	8.3	13.6	12.7
Novák	CERVENA	1962	1.8	1	1.8	11.4	12.5
Novák	CERVENA	1963	-6.2	-4.2	3.7	10.8	14.8
Novák	CERVENA	1964	-3.4	0.7	1.6	11.3	16.2
Novák	CERVENA	1965	2.5	-0.8	3.3	9.1	12.9
Novák	CERVENA	1966	-2.7	5.8	5.4	12	15.4
Novák	CERVENA	1967	0.4	4	7.2	9.5	15.3
Novák	CERVENA	1968	-0.7	2.6	6.4	11.3	13.8
Novák	CERVENA	1969	-0.1	-0.3	2.3	9.4	16.9
Novák	CERVENA	1970	-1.7	0.6	3.3	8.5	13.5
Novák	CERVENA	1971	-2.2	2.8	2.5	10.7	16
Novák	CERVENA	1972	-1.4	2.9	7.1	9.5	14.4
Novák	CERVENA	1973	0.6	2.7	6	7.4	15.1
Novák	CERVENA	1974	3.8	4.5	8.3	10.4	13.9
Novák	CERVENA	1975	4.8	1.4	5.6	9.3	14.7
Novák	CERVENA	1976	2.1	1.6	2.3	9.4	15.4
Novák	CERVENA	1977	0.5	3.3	8	8.1	14.6
Novák	CERVENA	1978	2	-0.6	6.5	9.2	13.6
Novák	CERVENA	1979	-3.4	0.7	5.9	8.8	15.8
Novák	CERVENA	1980	-2.8	3.3	4.5	7.3	12.4
Novák	CERVENA	1981	-1.2	1.4	8.6	9.3	15.6
Novák	CERVENA	1982	-3.3	0.4	6.2	8.2	15.7
Novák	CERVENA	1983	5	-0.8	6.2	11.6	15.1
Novák	CERVENA	1984	1.8	0.9	4.1	8.8	13.9
Novák	CERVENA	1985	-5	-2.4	4.8	10	16.1
Novák	CERVENA	1986	1.3	-4.8	5.1	10.4	17.5
Novák	CERVENA	1987	-5.2	0.4	0.8	11.1	12.9
Novák	CERVENA	1988	4	3.6	4.1	10.7	17
Novák	CERVENA	1989	2.6	4.9	8.7	10.3	16.1
Novák	CERVENA	1990	2.5	6.5	9.1	9.6	16.7
Orlíček	DESNA	1961	-0.7	4.9	8.3	13.6	12.7
Orlíček	DESNA	1962	1.8	1	1.8	11.4	12.5
Orlíček	DESNA	1963	-6.2	-4.2	3.7	10.8	14.8
Orlíček	DESNA	1964	-3.4	0.7	1.6	11.3	16.2
Orlíček	DESNA	1965	2.5	-0.8	3.3	9.1	12.9
Orlíček	DESNA	1966	-2.7	5.8	5.4	12	15.4
Orlíček	DESNA	1967	0.4	4	7.2	9.5	15.3
Orlíček	DESNA	1968	-0.7	2.6	6.4	11.3	13.8
Orlíček	DESNA	1969	-0.1	-0.3	2.3	9.4	16.9
Orlíček	DESNA	1970	-1.7	0.6	3.3	8.5	13.5
Orlíček	DESNA	1971	-2.2	2.8	2.5	10.7	16
Orlíček	DESNA	1972	-1.4	2.9	7.1	9.5	14.4
Orlíček	DESNA	1973	0.6	2.7	6	7.4	15.1
Orlíček	DESNA	1974	3.8	4.5	8.3	10.4	13.9
Orlíček	DESNA	1975	4.8	1.4	5.6	9.3	14.7
Orlíček	DESNA	1976	2.1	1.6	2.3	9.4	15.4
Orlíček	DESNA	1977	0.5	3.3	8	8.1	14.6
Orlíček	DESNA	1978	2	-0.6	6.5	9.2	13.6
Orlíček	DESNA	1979	-3.4	0.7	5.9	8.8	15.8

Orlíček	DESNA	1980	-2.8	3.3	4.5	7.3	12.4
Orlíček	DESNA	1981	-1.2	1.4	8.6	9.3	15.6
Orlíček	DESNA	1982	-3.3	0.4	6.2	8.2	15.7
Orlíček	DESNA	1983	5	-0.8	6.2	11.6	15.1
Orlíček	DESNA	1984	1.8	0.9	4.1	8.8	13.9
Orlíček	DESNA	1985	-5	-2.4	4.8	10	16.1
Orlíček	DESNA	1986	1.3	-4.8	5.1	10.4	17.5
Orlíček	DESNA	1987	-5.2	0.4	0.8	11.1	12.9
Orlíček	DESNA	1988	4	3.6	4.1	10.7	17
Orlíček	DESNA	1989	2.6	4.9	8.7	10.3	16.1
Orlíček	DESNA	1990	2.5	6.5	9.1	9.6	16.7
Palečková	DOKSANY	1961	-0.7	4.9	8.3	13.6	12.7
Palečková	DOKSANY	1962	1.8	1	1.8	11.4	12.5
Palečková	DOKSANY	1963	-6.2	-4.2	3.7	10.8	14.8
Palečková	DOKSANY	1964	-3.4	0.7	1.6	11.3	16.2
Palečková	DOKSANY	1965	2.5	-0.8	3.3	9.1	12.9
Palečková	DOKSANY	1966	-2.7	5.8	5.4	12	15.4
Palečková	DOKSANY	1967	0.4	4	7.2	9.5	15.3
Palečková	DOKSANY	1968	-0.7	2.6	6.4	11.3	13.8
Palečková	DOKSANY	1969	-0.1	-0.3	2.3	9.4	16.9
Palečková	DOKSANY	1970	-1.7	0.6	3.3	8.5	13.5
Palečková	DOKSANY	1971	-2.2	2.8	2.5	10.7	16
Palečková	DOKSANY	1972	-1.4	2.9	7.1	9.5	14.4
Palečková	DOKSANY	1973	0.6	2.7	6	7.4	15.1
Palečková	DOKSANY	1974	3.8	4.5	8.3	10.4	13.9
Palečková	DOKSANY	1975	4.8	1.4	5.6	9.3	14.7
Palečková	DOKSANY	1976	2.1	1.6	2.3	9.4	15.4
Palečková	DOKSANY	1977	0.5	3.3	8	8.1	14.6
Palečková	DOKSANY	1978	2	-0.6	6.5	9.2	13.6
Palečková	DOKSANY	1979	-3.4	0.7	5.9	8.8	15.8
Palečková	DOKSANY	1980	-2.8	3.3	4.5	7.3	12.4
Palečková	DOKSANY	1981	-1.2	1.4	8.6	9.3	15.6
Palečková	DOKSANY	1982	-3.3	0.4	6.2	8.2	15.7
Palečková	DOKSANY	1983	5	-0.8	6.2	11.6	15.1
Palečková	DOKSANY	1984	1.8	0.9	4.1	8.8	13.9
Palečková	DOKSANY	1985	-5	-2.4	4.8	10	16.1
Palečková	DOKSANY	1986	1.3	-4.8	5.1	10.4	17.5
Palečková	DOKSANY	1987	-5.2	0.4	0.8	11.1	12.9
Palečková	DOKSANY	1988	4	3.6	4.1	10.7	17
Palečková	DOKSANY	1989	2.6	4.9	8.7	10.3	16.1
Palečková	DOKSANY	1990	2.5	6.5	9.1	9.6	16.7
Pavelka	DOKSY	1961	-0.7	4.9	8.3	13.6	12.7
Pavelka	DOKSY	1962	1.8	1	1.8	11.4	12.5
Pavelka	DOKSY	1963	-6.2	-4.2	3.7	10.8	14.8
Pavelka	DOKSY	1964	-3.4	0.7	1.6	11.3	16.2
Pavelka	DOKSY	1965	2.5	-0.8	3.3	9.1	12.9
Pavelka	DOKSY	1966	-2.7	5.8	5.4	12	15.4
Pavelka	DOKSY	1967	0.4	4	7.2	9.5	15.3
Pavelka	DOKSY	1968	-0.7	2.6	6.4	11.3	13.8
Pavelka	DOKSY	1969	-0.1	-0.3	2.3	9.4	16.9

Pavelka	DOKSY	1970	-1.7	0.6	3.3	8.5	13.5
Pavelka	DOKSY	1971	-2.2	2.8	2.5	10.7	16
Pavelka	DOKSY	1972	-1.4	2.9	7.1	9.5	14.4
Pavelka	DOKSY	1973	0.6	2.7	6	7.4	15.1
Pavelka	DOKSY	1974	3.8	4.5	8.3	10.4	13.9
Pavelka	DOKSY	1975	4.8	1.4	5.6	9.3	14.7
Pavelka	DOKSY	1976	2.1	1.6	2.3	9.4	15.4
Pavelka	DOKSY	1977	0.5	3.3	8	8.1	14.6
Pavelka	DOKSY	1978	2	-0.6	6.5	9.2	13.6
Pavelka	DOKSY	1979	-3.4	0.7	5.9	8.8	15.8
Pavelka	DOKSY	1980	-2.8	3.3	4.5	7.3	12.4
Pavelka	DOKSY	1981	-1.2	1.4	8.6	9.3	15.6
Pavelka	DOKSY	1982	-3.3	0.4	6.2	8.2	15.7
Pavelka	DOKSY	1983	5	-0.8	6.2	11.6	15.1
Pavelka	DOKSY	1984	1.8	0.9	4.1	8.8	13.9
Pavelka	DOKSY	1985	-5	-2.4	4.8	10	16.1
Pavelka	DOKSY	1986	1.3	-4.8	5.1	10.4	17.5
Pavelka	DOKSY	1987	-5.2	0.4	0.8	11.1	12.9
Pavelka	DOKSY	1988	4	3.6	4.1	10.7	17
Pavelka	DOKSY	1989	2.6	4.9	8.7	10.3	16.1
Pavelka	DOKSY	1990	2.5	6.5	9.1	9.6	16.7
Piliarová	HOLESOV	1961	-0.7	4.9	8.3	13.6	12.7
Piliarová	HOLESOV	1962	1.8	1	1.8	11.4	12.5
Piliarová	HOLESOV	1963	-6.2	-4.2	3.7	10.8	14.8
Piliarová	HOLESOV	1964	-3.4	0.7	1.6	11.3	16.2
Piliarová	HOLESOV	1965	2.5	-0.8	3.3	9.1	12.9
Piliarová	HOLESOV	1966	-2.7	5.8	5.4	12	15.4
Piliarová	HOLESOV	1967	0.4	4	7.2	9.5	15.3
Piliarová	HOLESOV	1968	-0.7	2.6	6.4	11.3	13.8
Piliarová	HOLESOV	1969	-0.1	-0.3	2.3	9.4	16.9
Piliarová	HOLESOV	1970	-1.7	0.6	3.3	8.5	13.5
Piliarová	HOLESOV	1971	-2.2	2.8	2.5	10.7	16
Piliarová	HOLESOV	1972	-1.4	2.9	7.1	9.5	14.4
Piliarová	HOLESOV	1973	0.6	2.7	6	7.4	15.1
Piliarová	HOLESOV	1974	3.8	4.5	8.3	10.4	13.9
Piliarová	HOLESOV	1975	4.8	1.4	5.6	9.3	14.7
Piliarová	HOLESOV	1976	2.1	1.6	2.3	9.4	15.4
Piliarová	HOLESOV	1977	0.5	3.3	8	8.1	14.6
Piliarová	HOLESOV	1978	2	-0.6	6.5	9.2	13.6
Piliarová	HOLESOV	1979	-3.4	0.7	5.9	8.8	15.8
Piliarová	HOLESOV	1980	-2.8	3.3	4.5	7.3	12.4
Piliarová	HOLESOV	1981	-1.2	1.4	8.6	9.3	15.6
Piliarová	HOLESOV	1982	-3.3	0.4	6.2	8.2	15.7
Piliarová	HOLESOV	1983	5	-0.8	6.2	11.6	15.1
Piliarová	HOLESOV	1984	1.8	0.9	4.1	8.8	13.9
Piliarová	HOLESOV	1985	-5	-2.4	4.8	10	16.1
Piliarová	HOLESOV	1986	1.3	-4.8	5.1	10.4	17.5
Piliarová	HOLESOV	1987	-5.2	0.4	0.8	11.1	12.9
Piliarová	HOLESOV	1988	4	3.6	4.1	10.7	17
Piliarová	HOLESOV	1989	2.6	4.9	8.7	10.3	16.1

Piliarová	HOLESOV	1990	2.5	6.5	9.1	9.6	16.7
Pilný	HOSTOMIC	1961	-0.7	4.9	8.3	13.6	12.7
Pilný	HOSTOMIC	1962	1.8	1	1.8	11.4	12.5
Pilný	HOSTOMIC	1963	-6.2	-4.2	3.7	10.8	14.8
Pilný	HOSTOMIC	1964	-3.4	0.7	1.6	11.3	16.2
Pilný	HOSTOMIC	1965	2.5	-0.8	3.3	9.1	12.9
Pilný	HOSTOMIC	1966	-2.7	5.8	5.4	12	15.4
Pilný	HOSTOMIC	1967	0.4	4	7.2	9.5	15.3
Pilný	HOSTOMIC	1968	-0.7	2.6	6.4	11.3	13.8
Pilný	HOSTOMIC	1969	-0.1	-0.3	2.3	9.4	16.9
Pilný	HOSTOMIC	1970	-1.7	0.6	3.3	8.5	13.5
Pilný	HOSTOMIC	1971	-2.2	2.8	2.5	10.7	16
Pilný	HOSTOMIC	1972	-1.4	2.9	7.1	9.5	14.4
Pilný	HOSTOMIC	1973	0.6	2.7	6	7.4	15.1
Pilný	HOSTOMIC	1974	3.8	4.5	8.3	10.4	13.9
Pilný	HOSTOMIC	1975	4.8	1.4	5.6	9.3	14.7
Pilný	HOSTOMIC	1976	2.1	1.6	2.3	9.4	15.4
Pilný	HOSTOMIC	1977	0.5	3.3	8	8.1	14.6
Pilný	HOSTOMIC	1978	2	-0.6	6.5	9.2	13.6
Pilný	HOSTOMIC	1979	-3.4	0.7	5.9	8.8	15.8
Pilný	HOSTOMIC	1980	-2.8	3.3	4.5	7.3	12.4
Pilný	HOSTOMIC	1981	-1.2	1.4	8.6	9.3	15.6
Pilný	HOSTOMIC	1982	-3.3	0.4	6.2	8.2	15.7
Pilný	HOSTOMIC	1983	5	-0.8	6.2	11.6	15.1
Pilný	HOSTOMIC	1984	1.8	0.9	4.1	8.8	13.9
Pilný	HOSTOMIC	1985	-5	-2.4	4.8	10	16.1
Pilný	HOSTOMIC	1986	1.3	-4.8	5.1	10.4	17.5
Pilný	HOSTOMIC	1987	-5.2	0.4	0.8	11.1	12.9
Pilný	HOSTOMIC	1988	4	3.6	4.1	10.7	17
Pilný	HOSTOMIC	1989	2.6	4.9	8.7	10.3	16.1
Pilný	HOSTOMIC	1990	2.5	6.5	9.1	9.6	16.7
Podhrázká	HRADECKR	1961	-0.7	4.9	8.3	13.6	12.7
Podhrázká	HRADECKR	1962	1.8	1	1.8	11.4	12.5
Podhrázká	HRADECKR	1963	-6.2	-4.2	3.7	10.8	14.8
Podhrázká	HRADECKR	1964	-3.4	0.7	1.6	11.3	16.2
Podhrázká	HRADECKR	1965	2.5	-0.8	3.3	9.1	12.9
Podhrázká	HRADECKR	1966	-2.7	5.8	5.4	12	15.4
Podhrázká	HRADECKR	1967	0.4	4	7.2	9.5	15.3
Podhrázká	HRADECKR	1968	-0.7	2.6	6.4	11.3	13.8
Podhrázká	HRADECKR	1969	-0.1	-0.3	2.3	9.4	16.9
Podhrázká	HRADECKR	1970	-1.7	0.6	3.3	8.5	13.5
Podhrázká	HRADECKR	1971	-2.2	2.8	2.5	10.7	16
Podhrázká	HRADECKR	1972	-1.4	2.9	7.1	9.5	14.4
Podhrázká	HRADECKR	1973	0.6	2.7	6	7.4	15.1
Podhrázká	HRADECKR	1974	3.8	4.5	8.3	10.4	13.9
Podhrázká	HRADECKR	1975	4.8	1.4	5.6	9.3	14.7
Podhrázká	HRADECKR	1976	2.1	1.6	2.3	9.4	15.4
Podhrázká	HRADECKR	1977	0.5	3.3	8	8.1	14.6
Podhrázká	HRADECKR	1978	2	-0.6	6.5	9.2	13.6
Podhrázká	HRADECKR	1979	-3.4	0.7	5.9	8.8	15.8

Podhrázká	HRADECKR	1980	-2.8	3.3	4.5	7.3	12.4
Podhrázká	HRADECKR	1981	-1.2	1.4	8.6	9.3	15.6
Podhrázká	HRADECKR	1982	-3.3	0.4	6.2	8.2	15.7
Podhrázká	HRADECKR	1983	5	-0.8	6.2	11.6	15.1
Podhrázká	HRADECKR	1984	1.8	0.9	4.1	8.8	13.9
Podhrázká	HRADECKR	1985	-5	-2.4	4.8	10	16.1
Podhrázká	HRADECKR	1986	1.3	-4.8	5.1	10.4	17.5
Podhrázká	HRADECKR	1987	-5.2	0.4	0.8	11.1	12.9
Podhrázká	HRADECKR	1988	4	3.6	4.1	10.7	17
Podhrázká	HRADECKR	1989	2.6	4.9	8.7	10.3	16.1
Podhrázká	HRADECKR	1990	2.5	6.5	9.1	9.6	16.7
Posledník	HUSINEC	1961	-0.7	4.9	8.3	13.6	12.7
Posledník	HUSINEC	1962	1.8	1	1.8	11.4	12.5
Posledník	HUSINEC	1963	-6.2	-4.2	3.7	10.8	14.8
Posledník	HUSINEC	1964	-3.4	0.7	1.6	11.3	16.2
Posledník	HUSINEC	1965	2.5	-0.8	3.3	9.1	12.9
Posledník	HUSINEC	1966	-2.7	5.8	5.4	12	15.4
Posledník	HUSINEC	1967	0.4	4	7.2	9.5	15.3
Posledník	HUSINEC	1968	-0.7	2.6	6.4	11.3	13.8
Posledník	HUSINEC	1969	-0.1	-0.3	2.3	9.4	16.9
Posledník	HUSINEC	1970	-1.7	0.6	3.3	8.5	13.5
Posledník	HUSINEC	1971	-2.2	2.8	2.5	10.7	16
Posledník	HUSINEC	1972	-1.4	2.9	7.1	9.5	14.4
Posledník	HUSINEC	1973	0.6	2.7	6	7.4	15.1
Posledník	HUSINEC	1974	3.8	4.5	8.3	10.4	13.9
Posledník	HUSINEC	1975	4.8	1.4	5.6	9.3	14.7
Posledník	HUSINEC	1976	2.1	1.6	2.3	9.4	15.4
Posledník	HUSINEC	1977	0.5	3.3	8	8.1	14.6
Posledník	HUSINEC	1978	2	-0.6	6.5	9.2	13.6
Posledník	HUSINEC	1979	-3.4	0.7	5.9	8.8	15.8
Posledník	HUSINEC	1980	-2.8	3.3	4.5	7.3	12.4
Posledník	HUSINEC	1981	-1.2	1.4	8.6	9.3	15.6
Posledník	HUSINEC	1982	-3.3	0.4	6.2	8.2	15.7
Posledník	HUSINEC	1983	5	-0.8	6.2	11.6	15.1
Posledník	HUSINEC	1984	1.8	0.9	4.1	8.8	13.9
Posledník	HUSINEC	1985	-5	-2.4	4.8	10	16.1
Posledník	HUSINEC	1986	1.3	-4.8	5.1	10.4	17.5
Posledník	HUSINEC	1987	-5.2	0.4	0.8	11.1	12.9
Posledník	HUSINEC	1988	4	3.6	4.1	10.7	17
Posledník	HUSINEC	1989	2.6	4.9	8.7	10.3	16.1
Posledník	HUSINEC	1990	2.5	6.5	9.1	9.6	16.7
Prágrová	CHEB	1961	-0.7	4.9	8.3	13.6	12.7
Prágrová	CHEB	1962	1.8	1	1.8	11.4	12.5
Prágrová	CHEB	1963	-6.2	-4.2	3.7	10.8	14.8
Prágrová	CHEB	1964	-3.4	0.7	1.6	11.3	16.2
Prágrová	CHEB	1965	2.5	-0.8	3.3	9.1	12.9
Prágrová	CHEB	1966	-2.7	5.8	5.4	12	15.4
Prágrová	CHEB	1967	0.4	4	7.2	9.5	15.3
Prágrová	CHEB	1968	-0.7	2.6	6.4	11.3	13.8
Prágrová	CHEB	1969	-0.1	-0.3	2.3	9.4	16.9

Prágrová	CHEB	1970	-1.7	0.6	3.3	8.5	13.5
Prágrová	CHEB	1971	-2.2	2.8	2.5	10.7	16
Prágrová	CHEB	1972	-1.4	2.9	7.1	9.5	14.4
Prágrová	CHEB	1973	0.6	2.7	6	7.4	15.1
Prágrová	CHEB	1974	3.8	4.5	8.3	10.4	13.9
Prágrová	CHEB	1975	4.8	1.4	5.6	9.3	14.7
Prágrová	CHEB	1976	2.1	1.6	2.3	9.4	15.4
Prágrová	CHEB	1977	0.5	3.3	8	8.1	14.6
Prágrová	CHEB	1978	2	-0.6	6.5	9.2	13.6
Prágrová	CHEB	1979	-3.4	0.7	5.9	8.8	15.8
Prágrová	CHEB	1980	-2.8	3.3	4.5	7.3	12.4
Prágrová	CHEB	1981	-1.2	1.4	8.6	9.3	15.6
Prágrová	CHEB	1982	-3.3	0.4	6.2	8.2	15.7
Prágrová	CHEB	1983	5	-0.8	6.2	11.6	15.1
Prágrová	CHEB	1984	1.8	0.9	4.1	8.8	13.9
Prágrová	CHEB	1985	-5	-2.4	4.8	10	16.1
Prágrová	CHEB	1986	1.3	-4.8	5.1	10.4	17.5
Prágrová	CHEB	1987	-5.2	0.4	0.8	11.1	12.9
Prágrová	CHEB	1988	4	3.6	4.1	10.7	17
Prágrová	CHEB	1989	2.6	4.9	8.7	10.3	16.1
Prágrová	CHEB	1990	2.5	6.5	9.1	9.6	16.7
Prokešová	CHOTUSIC	1961	-0.7	4.9	8.3	13.6	12.7
Prokešová	CHOTUSIC	1962	1.8	1	1.8	11.4	12.5
Prokešová	CHOTUSIC	1963	-6.2	-4.2	3.7	10.8	14.8
Prokešová	CHOTUSIC	1964	-3.4	0.7	1.6	11.3	16.2
Prokešová	CHOTUSIC	1965	2.5	-0.8	3.3	9.1	12.9
Prokešová	CHOTUSIC	1966	-2.7	5.8	5.4	12	15.4
Prokešová	CHOTUSIC	1967	0.4	4	7.2	9.5	15.3
Prokešová	CHOTUSIC	1968	-0.7	2.6	6.4	11.3	13.8
Prokešová	CHOTUSIC	1969	-0.1	-0.3	2.3	9.4	16.9
Prokešová	CHOTUSIC	1970	-1.7	0.6	3.3	8.5	13.5
Prokešová	CHOTUSIC	1971	-2.2	2.8	2.5	10.7	16
Prokešová	CHOTUSIC	1972	-1.4	2.9	7.1	9.5	14.4
Prokešová	CHOTUSIC	1973	0.6	2.7	6	7.4	15.1
Prokešová	CHOTUSIC	1974	3.8	4.5	8.3	10.4	13.9
Prokešová	CHOTUSIC	1975	4.8	1.4	5.6	9.3	14.7
Prokešová	CHOTUSIC	1976	2.1	1.6	2.3	9.4	15.4
Prokešová	CHOTUSIC	1977	0.5	3.3	8	8.1	14.6
Prokešová	CHOTUSIC	1978	2	-0.6	6.5	9.2	13.6
Prokešová	CHOTUSIC	1979	-3.4	0.7	5.9	8.8	15.8
Prokešová	CHOTUSIC	1980	-2.8	3.3	4.5	7.3	12.4
Prokešová	CHOTUSIC	1981	-1.2	1.4	8.6	9.3	15.6
Prokešová	CHOTUSIC	1982	-3.3	0.4	6.2	8.2	15.7
Prokešová	CHOTUSIC	1983	5	-0.8	6.2	11.6	15.1
Prokešová	CHOTUSIC	1984	1.8	0.9	4.1	8.8	13.9
Prokešová	CHOTUSIC	1985	-5	-2.4	4.8	10	16.1
Prokešová	CHOTUSIC	1986	1.3	-4.8	5.1	10.4	17.5
Prokešová	CHOTUSIC	1987	-5.2	0.4	0.8	11.1	12.9
Prokešová	CHOTUSIC	1988	4	3.6	4.1	10.7	17
Prokešová	CHOTUSIC	1989	2.6	4.9	8.7	10.3	16.1

Prokešová	CHOTUSIC	1990	2.5	6.5	9.1	9.6	16.7
Přikryl	CHURANOV	1961	-0.7	4.9	8.3	13.6	12.7
Přikryl	CHURANOV	1962	1.8	1	1.8	11.4	12.5
Přikryl	CHURANOV	1963	-6.2	-4.2	3.7	10.8	14.8
Přikryl	CHURANOV	1964	-3.4	0.7	1.6	11.3	16.2
Přikryl	CHURANOV	1965	2.5	-0.8	3.3	9.1	12.9
Přikryl	CHURANOV	1966	-2.7	5.8	5.4	12	15.4
Přikryl	CHURANOV	1967	0.4	4	7.2	9.5	15.3
Přikryl	CHURANOV	1968	-0.7	2.6	6.4	11.3	13.8
Přikryl	CHURANOV	1969	-0.1	-0.3	2.3	9.4	16.9
Přikryl	CHURANOV	1970	-1.7	0.6	3.3	8.5	13.5
Přikryl	CHURANOV	1971	-2.2	2.8	2.5	10.7	16
Přikryl	CHURANOV	1972	-1.4	2.9	7.1	9.5	14.4
Přikryl	CHURANOV	1973	0.6	2.7	6	7.4	15.1
Přikryl	CHURANOV	1974	3.8	4.5	8.3	10.4	13.9
Přikryl	CHURANOV	1975	4.8	1.4	5.6	9.3	14.7
Přikryl	CHURANOV	1976	2.1	1.6	2.3	9.4	15.4
Přikryl	CHURANOV	1977	0.5	3.3	8	8.1	14.6
Přikryl	CHURANOV	1978	2	-0.6	6.5	9.2	13.6
Přikryl	CHURANOV	1979	-3.4	0.7	5.9	8.8	15.8
Přikryl	CHURANOV	1980	-2.8	3.3	4.5	7.3	12.4
Přikryl	CHURANOV	1981	-1.2	1.4	8.6	9.3	15.6
Přikryl	CHURANOV	1982	-3.3	0.4	6.2	8.2	15.7
Přikryl	CHURANOV	1983	5	-0.8	6.2	11.6	15.1
Přikryl	CHURANOV	1984	1.8	0.9	4.1	8.8	13.9
Přikryl	CHURANOV	1985	-5	-2.4	4.8	10	16.1
Přikryl	CHURANOV	1986	1.3	-4.8	5.1	10.4	17.5
Přikryl	CHURANOV	1987	-5.2	0.4	0.8	11.1	12.9
Přikryl	CHURANOV	1988	4	3.6	4.1	10.7	17
Přikryl	CHURANOV	1989	2.6	4.9	8.7	10.3	16.1
Přikryl	CHURANOV	1990	2.5	6.5	9.1	9.6	16.7
Rezková	IVANOVIC	1961	-0.7	4.9	8.3	13.6	12.7
Rezková	IVANOVIC	1962	1.8	1	1.8	11.4	12.5
Rezková	IVANOVIC	1963	-6.2	-4.2	3.7	10.8	14.8
Rezková	IVANOVIC	1964	-3.4	0.7	1.6	11.3	16.2
Rezková	IVANOVIC	1965	2.5	-0.8	3.3	9.1	12.9
Rezková	IVANOVIC	1966	-2.7	5.8	5.4	12	15.4
Rezková	IVANOVIC	1967	0.4	4	7.2	9.5	15.3
Rezková	IVANOVIC	1968	-0.7	2.6	6.4	11.3	13.8
Rezková	IVANOVIC	1969	-0.1	-0.3	2.3	9.4	16.9
Rezková	IVANOVIC	1970	-1.7	0.6	3.3	8.5	13.5
Rezková	IVANOVIC	1971	-2.2	2.8	2.5	10.7	16
Rezková	IVANOVIC	1972	-1.4	2.9	7.1	9.5	14.4
Rezková	IVANOVIC	1973	0.6	2.7	6	7.4	15.1
Rezková	IVANOVIC	1974	3.8	4.5	8.3	10.4	13.9
Rezková	IVANOVIC	1975	4.8	1.4	5.6	9.3	14.7
Rezková	IVANOVIC	1976	2.1	1.6	2.3	9.4	15.4
Rezková	IVANOVIC	1977	0.5	3.3	8	8.1	14.6
Rezková	IVANOVIC	1978	2	-0.6	6.5	9.2	13.6
Rezková	IVANOVIC	1979	-3.4	0.7	5.9	8.8	15.8

Rezková	IVANOVIC	1980	-2.8	3.3	4.5	7.3	12.4
Rezková	IVANOVIC	1981	-1.2	1.4	8.6	9.3	15.6
Rezková	IVANOVIC	1982	-3.3	0.4	6.2	8.2	15.7
Rezková	IVANOVIC	1983	5	-0.8	6.2	11.6	15.1
Rezková	IVANOVIC	1984	1.8	0.9	4.1	8.8	13.9
Rezková	IVANOVIC	1985	-5	-2.4	4.8	10	16.1
Rezková	IVANOVIC	1986	1.3	-4.8	5.1	10.4	17.5
Rezková	IVANOVIC	1987	-5.2	0.4	0.8	11.1	12.9
Rezková	IVANOVIC	1988	4	3.6	4.1	10.7	17
Rezková	IVANOVIC	1989	2.6	4.9	8.7	10.3	16.1
Rezková	IVANOVIC	1990	2.5	6.5	9.1	9.6	16.7
Ryglová	JHRADEC	1961	-0.7	4.9	8.3	13.6	12.7
Ryglová	JHRADEC	1962	1.8	1	1.8	11.4	12.5
Ryglová	JHRADEC	1963	-6.2	-4.2	3.7	10.8	14.8
Ryglová	JHRADEC	1964	-3.4	0.7	1.6	11.3	16.2
Ryglová	JHRADEC	1965	2.5	-0.8	3.3	9.1	12.9
Ryglová	JHRADEC	1966	-2.7	5.8	5.4	12	15.4
Ryglová	JHRADEC	1967	0.4	4	7.2	9.5	15.3
Ryglová	JHRADEC	1968	-0.7	2.6	6.4	11.3	13.8
Ryglová	JHRADEC	1969	-0.1	-0.3	2.3	9.4	16.9
Ryglová	JHRADEC	1970	-1.7	0.6	3.3	8.5	13.5
Ryglová	JHRADEC	1971	-2.2	2.8	2.5	10.7	16
Ryglová	JHRADEC	1972	-1.4	2.9	7.1	9.5	14.4
Ryglová	JHRADEC	1973	0.6	2.7	6	7.4	15.1
Ryglová	JHRADEC	1974	3.8	4.5	8.3	10.4	13.9
Ryglová	JHRADEC	1975	4.8	1.4	5.6	9.3	14.7
Ryglová	JHRADEC	1976	2.1	1.6	2.3	9.4	15.4
Ryglová	JHRADEC	1977	0.5	3.3	8	8.1	14.6
Ryglová	JHRADEC	1978	2	-0.6	6.5	9.2	13.6
Ryglová	JHRADEC	1979	-3.4	0.7	5.9	8.8	15.8
Ryglová	JHRADEC	1980	-2.8	3.3	4.5	7.3	12.4
Ryglová	JHRADEC	1981	-1.2	1.4	8.6	9.3	15.6
Ryglová	JHRADEC	1982	-3.3	0.4	6.2	8.2	15.7
Ryglová	JHRADEC	1983	5	-0.8	6.2	11.6	15.1
Ryglová	JHRADEC	1984	1.8	0.9	4.1	8.8	13.9
Ryglová	JHRADEC	1985	-5	-2.4	4.8	10	16.1
Ryglová	JHRADEC	1986	1.3	-4.8	5.1	10.4	17.5
Ryglová	JHRADEC	1987	-5.2	0.4	0.8	11.1	12.9
Ryglová	JHRADEC	1988	4	3.6	4.1	10.7	17
Ryglová	JHRADEC	1989	2.6	4.9	8.7	10.3	16.1
Ryglová	JHRADEC	1990	2.5	6.5	9.1	9.6	16.7
Řehák	KLATOVY	1961	-0.7	4.9	8.3	13.6	12.7
Řehák	KLATOVY	1962	1.8	1	1.8	11.4	12.5
Řehák	KLATOVY	1963	-6.2	-4.2	3.7	10.8	14.8
Řehák	KLATOVY	1964	-3.4	0.7	1.6	11.3	16.2
Řehák	KLATOVY	1965	2.5	-0.8	3.3	9.1	12.9
Řehák	KLATOVY	1966	-2.7	5.8	5.4	12	15.4
Řehák	KLATOVY	1967	0.4	4	7.2	9.5	15.3
Řehák	KLATOVY	1968	-0.7	2.6	6.4	11.3	13.8
Řehák	KLATOVY	1969	-0.1	-0.3	2.3	9.4	16.9

Řehák	KLATOVY	1970	-1.7	0.6	3.3	8.5	13.5
Řehák	KLATOVY	1971	-2.2	2.8	2.5	10.7	16
Řehák	KLATOVY	1972	-1.4	2.9	7.1	9.5	14.4
Řehák	KLATOVY	1973	0.6	2.7	6	7.4	15.1
Řehák	KLATOVY	1974	3.8	4.5	8.3	10.4	13.9
Řehák	KLATOVY	1975	4.8	1.4	5.6	9.3	14.7
Řehák	KLATOVY	1976	2.1	1.6	2.3	9.4	15.4
Řehák	KLATOVY	1977	0.5	3.3	8	8.1	14.6
Řehák	KLATOVY	1978	2	-0.6	6.5	9.2	13.6
Řehák	KLATOVY	1979	-3.4	0.7	5.9	8.8	15.8
Řehák	KLATOVY	1980	-2.8	3.3	4.5	7.3	12.4
Řehák	KLATOVY	1981	-1.2	1.4	8.6	9.3	15.6
Řehák	KLATOVY	1982	-3.3	0.4	6.2	8.2	15.7
Řehák	KLATOVY	1983	5	-0.8	6.2	11.6	15.1
Řehák	KLATOVY	1984	1.8	0.9	4.1	8.8	13.9
Řehák	KLATOVY	1985	-5	-2.4	4.8	10	16.1
Řehák	KLATOVY	1986	1.3	-4.8	5.1	10.4	17.5
Řehák	KLATOVY	1987	-5.2	0.4	0.8	11.1	12.9
Řehák	KLATOVY	1988	4	3.6	4.1	10.7	17
Řehák	KLATOVY	1989	2.6	4.9	8.7	10.3	16.1
Řehák	KLATOVY	1990	2.5	6.5	9.1	9.6	16.7
Sedláček	KOSTMYSL	1961	-0.7	4.9	8.3	13.6	12.7
Sedláček	KOSTMYSL	1962	1.8	1	1.8	11.4	12.5
Sedláček	KOSTMYSL	1963	-6.2	-4.2	3.7	10.8	14.8
Sedláček	KOSTMYSL	1964	-3.4	0.7	1.6	11.3	16.2
Sedláček	KOSTMYSL	1965	2.5	-0.8	3.3	9.1	12.9
Sedláček	KOSTMYSL	1966	-2.7	5.8	5.4	12	15.4
Sedláček	KOSTMYSL	1967	0.4	4	7.2	9.5	15.3
Sedláček	KOSTMYSL	1968	-0.7	2.6	6.4	11.3	13.8
Sedláček	KOSTMYSL	1969	-0.1	-0.3	2.3	9.4	16.9
Sedláček	KOSTMYSL	1970	-1.7	0.6	3.3	8.5	13.5
Sedláček	KOSTMYSL	1971	-2.2	2.8	2.5	10.7	16
Sedláček	KOSTMYSL	1972	-1.4	2.9	7.1	9.5	14.4
Sedláček	KOSTMYSL	1973	0.6	2.7	6	7.4	15.1
Sedláček	KOSTMYSL	1974	3.8	4.5	8.3	10.4	13.9
Sedláček	KOSTMYSL	1975	4.8	1.4	5.6	9.3	14.7
Sedláček	KOSTMYSL	1976	2.1	1.6	2.3	9.4	15.4
Sedláček	KOSTMYSL	1977	0.5	3.3	8	8.1	14.6
Sedláček	KOSTMYSL	1978	2	-0.6	6.5	9.2	13.6
Sedláček	KOSTMYSL	1979	-3.4	0.7	5.9	8.8	15.8
Sedláček	KOSTMYSL	1980	-2.8	3.3	4.5	7.3	12.4
Sedláček	KOSTMYSL	1981	-1.2	1.4	8.6	9.3	15.6
Sedláček	KOSTMYSL	1982	-3.3	0.4	6.2	8.2	15.7
Sedláček	KOSTMYSL	1983	5	-0.8	6.2	11.6	15.1
Sedláček	KOSTMYSL	1984	1.8	0.9	4.1	8.8	13.9
Sedláček	KOSTMYSL	1985	-5	-2.4	4.8	10	16.1
Sedláček	KOSTMYSL	1986	1.3	-4.8	5.1	10.4	17.5
Sedláček	KOSTMYSL	1987	-5.2	0.4	0.8	11.1	12.9
Sedláček	KOSTMYSL	1988	4	3.6	4.1	10.7	17
Sedláček	KOSTMYSL	1989	2.6	4.9	8.7	10.3	16.1

Sedláček	KOSTMYSL	1990	2.5	6.5	9.1	9.6	16.7
Semrád	KRALOVIC	1961	-0.7	4.9	8.3	13.6	12.7
Semrád	KRALOVIC	1962	1.8	1	1.8	11.4	12.5
Semrád	KRALOVIC	1963	-6.2	-4.2	3.7	10.8	14.8
Semrád	KRALOVIC	1964	-3.4	0.7	1.6	11.3	16.2
Semrád	KRALOVIC	1965	2.5	-0.8	3.3	9.1	12.9
Semrád	KRALOVIC	1966	-2.7	5.8	5.4	12	15.4
Semrád	KRALOVIC	1967	0.4	4	7.2	9.5	15.3
Semrád	KRALOVIC	1968	-0.7	2.6	6.4	11.3	13.8
Semrád	KRALOVIC	1969	-0.1	-0.3	2.3	9.4	16.9
Semrád	KRALOVIC	1970	-1.7	0.6	3.3	8.5	13.5
Semrád	KRALOVIC	1971	-2.2	2.8	2.5	10.7	16
Semrád	KRALOVIC	1972	-1.4	2.9	7.1	9.5	14.4
Semrád	KRALOVIC	1973	0.6	2.7	6	7.4	15.1
Semrád	KRALOVIC	1974	3.8	4.5	8.3	10.4	13.9
Semrád	KRALOVIC	1975	4.8	1.4	5.6	9.3	14.7
Semrád	KRALOVIC	1976	2.1	1.6	2.3	9.4	15.4
Semrád	KRALOVIC	1977	0.5	3.3	8	8.1	14.6
Semrád	KRALOVIC	1978	2	-0.6	6.5	9.2	13.6
Semrád	KRALOVIC	1979	-3.4	0.7	5.9	8.8	15.8
Semrád	KRALOVIC	1980	-2.8	3.3	4.5	7.3	12.4
Semrád	KRALOVIC	1981	-1.2	1.4	8.6	9.3	15.6
Semrád	KRALOVIC	1982	-3.3	0.4	6.2	8.2	15.7
Semrád	KRALOVIC	1983	5	-0.8	6.2	11.6	15.1
Semrád	KRALOVIC	1984	1.8	0.9	4.1	8.8	13.9
Semrád	KRALOVIC	1985	-5	-2.4	4.8	10	16.1
Semrád	KRALOVIC	1986	1.3	-4.8	5.1	10.4	17.5
Semrád	KRALOVIC	1987	-5.2	0.4	0.8	11.1	12.9
Semrád	KRALOVIC	1988	4	3.6	4.1	10.7	17
Semrád	KRALOVIC	1989	2.6	4.9	8.7	10.3	16.1
Semrád	KRALOVIC	1990	2.5	6.5	9.1	9.6	16.7
Slovinská	KUCHAROV	1961	-0.7	4.9	8.3	13.6	12.7
Slovinská	KUCHAROV	1962	1.8	1	1.8	11.4	12.5
Slovinská	KUCHAROV	1963	-6.2	-4.2	3.7	10.8	14.8
Slovinská	KUCHAROV	1964	-3.4	0.7	1.6	11.3	16.2
Slovinská	KUCHAROV	1965	2.5	-0.8	3.3	9.1	12.9
Slovinská	KUCHAROV	1966	-2.7	5.8	5.4	12	15.4
Slovinská	KUCHAROV	1967	0.4	4	7.2	9.5	15.3
Slovinská	KUCHAROV	1968	-0.7	2.6	6.4	11.3	13.8
Slovinská	KUCHAROV	1969	-0.1	-0.3	2.3	9.4	16.9
Slovinská	KUCHAROV	1970	-1.7	0.6	3.3	8.5	13.5
Slovinská	KUCHAROV	1971	-2.2	2.8	2.5	10.7	16
Slovinská	KUCHAROV	1972	-1.4	2.9	7.1	9.5	14.4
Slovinská	KUCHAROV	1973	0.6	2.7	6	7.4	15.1
Slovinská	KUCHAROV	1974	3.8	4.5	8.3	10.4	13.9
Slovinská	KUCHAROV	1975	4.8	1.4	5.6	9.3	14.7
Slovinská	KUCHAROV	1976	2.1	1.6	2.3	9.4	15.4
Slovinská	KUCHAROV	1977	0.5	3.3	8	8.1	14.6
Slovinská	KUCHAROV	1978	2	-0.6	6.5	9.2	13.6
Slovinská	KUCHAROV	1979	-3.4	0.7	5.9	8.8	15.8

Slovinská	KUCHAROV	1980	-2.8	3.3	4.5	7.3	12.4
Slovinská	KUCHAROV	1981	-1.2	1.4	8.6	9.3	15.6
Slovinská	KUCHAROV	1982	-3.3	0.4	6.2	8.2	15.7
Slovinská	KUCHAROV	1983	5	-0.8	6.2	11.6	15.1
Slovinská	KUCHAROV	1984	1.8	0.9	4.1	8.8	13.9
Slovinská	KUCHAROV	1985	-5	-2.4	4.8	10	16.1
Slovinská	KUCHAROV	1986	1.3	-4.8	5.1	10.4	17.5
Slovinská	KUCHAROV	1987	-5.2	0.4	0.8	11.1	12.9
Slovinská	KUCHAROV	1988	4	3.6	4.1	10.7	17
Slovinská	KUCHAROV	1989	2.6	4.9	8.7	10.3	16.1
Slovinská	KUCHAROV	1990	2.5	6.5	9.1	9.6	16.7
Sroková	KVARY	1961	-0.7	4.9	8.3	13.6	12.7
Sroková	KVARY	1962	1.8	1	1.8	11.4	12.5
Sroková	KVARY	1963	-6.2	-4.2	3.7	10.8	14.8
Sroková	KVARY	1964	-3.4	0.7	1.6	11.3	16.2
Sroková	KVARY	1965	2.5	-0.8	3.3	9.1	12.9
Sroková	KVARY	1966	-2.7	5.8	5.4	12	15.4
Sroková	KVARY	1967	0.4	4	7.2	9.5	15.3
Sroková	KVARY	1968	-0.7	2.6	6.4	11.3	13.8
Sroková	KVARY	1969	-0.1	-0.3	2.3	9.4	16.9
Sroková	KVARY	1970	-1.7	0.6	3.3	8.5	13.5
Sroková	KVARY	1971	-2.2	2.8	2.5	10.7	16
Sroková	KVARY	1972	-1.4	2.9	7.1	9.5	14.4
Sroková	KVARY	1973	0.6	2.7	6	7.4	15.1
Sroková	KVARY	1974	3.8	4.5	8.3	10.4	13.9
Sroková	KVARY	1975	4.8	1.4	5.6	9.3	14.7
Sroková	KVARY	1976	2.1	1.6	2.3	9.4	15.4
Sroková	KVARY	1977	0.5	3.3	8	8.1	14.6
Sroková	KVARY	1978	2	-0.6	6.5	9.2	13.6
Sroková	KVARY	1979	-3.4	0.7	5.9	8.8	15.8
Sroková	KVARY	1980	-2.8	3.3	4.5	7.3	12.4
Sroková	KVARY	1981	-1.2	1.4	8.6	9.3	15.6
Sroková	KVARY	1982	-3.3	0.4	6.2	8.2	15.7
Sroková	KVARY	1983	5	-0.8	6.2	11.6	15.1
Sroková	KVARY	1984	1.8	0.9	4.1	8.8	13.9
Sroková	KVARY	1985	-5	-2.4	4.8	10	16.1
Sroková	KVARY	1986	1.3	-4.8	5.1	10.4	17.5
Sroková	KVARY	1987	-5.2	0.4	0.8	11.1	12.9
Sroková	KVARY	1988	4	3.6	4.1	10.7	17
Sroková	KVARY	1989	2.6	4.9	8.7	10.3	16.1
Sroková	KVARY	1990	2.5	6.5	9.1	9.6	16.7
Stejskalová	LIBEREC	1961	-0.7	4.9	8.3	13.6	12.7
Stejskalová	LIBEREC	1962	1.8	1	1.8	11.4	12.5
Stejskalová	LIBEREC	1963	-6.2	-4.2	3.7	10.8	14.8
Stejskalová	LIBEREC	1964	-3.4	0.7	1.6	11.3	16.2
Stejskalová	LIBEREC	1965	2.5	-0.8	3.3	9.1	12.9
Stejskalová	LIBEREC	1966	-2.7	5.8	5.4	12	15.4
Stejskalová	LIBEREC	1967	0.4	4	7.2	9.5	15.3
Stejskalová	LIBEREC	1968	-0.7	2.6	6.4	11.3	13.8
Stejskalová	LIBEREC	1969	-0.1	-0.3	2.3	9.4	16.9

Stejskalová	LIBEREC	1970	-1.7	0.6	3.3	8.5	13.5
Stejskalová	LIBEREC	1971	-2.2	2.8	2.5	10.7	16
Stejskalová	LIBEREC	1972	-1.4	2.9	7.1	9.5	14.4
Stejskalová	LIBEREC	1973	0.6	2.7	6	7.4	15.1
Stejskalová	LIBEREC	1974	3.8	4.5	8.3	10.4	13.9
Stejskalová	LIBEREC	1975	4.8	1.4	5.6	9.3	14.7
Stejskalová	LIBEREC	1976	2.1	1.6	2.3	9.4	15.4
Stejskalová	LIBEREC	1977	0.5	3.3	8	8.1	14.6
Stejskalová	LIBEREC	1978	2	-0.6	6.5	9.2	13.6
Stejskalová	LIBEREC	1979	-3.4	0.7	5.9	8.8	15.8
Stejskalová	LIBEREC	1980	-2.8	3.3	4.5	7.3	12.4
Stejskalová	LIBEREC	1981	-1.2	1.4	8.6	9.3	15.6
Stejskalová	LIBEREC	1982	-3.3	0.4	6.2	8.2	15.7
Stejskalová	LIBEREC	1983	5	-0.8	6.2	11.6	15.1
Stejskalová	LIBEREC	1984	1.8	0.9	4.1	8.8	13.9
Stejskalová	LIBEREC	1985	-5	-2.4	4.8	10	16.1
Stejskalová	LIBEREC	1986	1.3	-4.8	5.1	10.4	17.5
Stejskalová	LIBEREC	1987	-5.2	0.4	0.8	11.1	12.9
Stejskalová	LIBEREC	1988	4	3.6	4.1	10.7	17
Stejskalová	LIBEREC	1989	2.6	4.9	8.7	10.3	16.1
Stejskalová	LIBEREC	1990	2.5	6.5	9.1	9.6	16.7
Svoboda, M.	LYSAHORA	1961	-0.7	4.9	8.3	13.6	12.7
Svoboda, M.	LYSAHORA	1962	1.8	1	1.8	11.4	12.5
Svoboda, M.	LYSAHORA	1963	-6.2	-4.2	3.7	10.8	14.8
Svoboda, M.	LYSAHORA	1964	-3.4	0.7	1.6	11.3	16.2
Svoboda, M.	LYSAHORA	1965	2.5	-0.8	3.3	9.1	12.9
Svoboda, M.	LYSAHORA	1966	-2.7	5.8	5.4	12	15.4
Svoboda, M.	LYSAHORA	1967	0.4	4	7.2	9.5	15.3
Svoboda, M.	LYSAHORA	1968	-0.7	2.6	6.4	11.3	13.8
Svoboda, M.	LYSAHORA	1969	-0.1	-0.3	2.3	9.4	16.9
Svoboda, M.	LYSAHORA	1970	-1.7	0.6	3.3	8.5	13.5
Svoboda, M.	LYSAHORA	1971	-2.2	2.8	2.5	10.7	16
Svoboda, M.	LYSAHORA	1972	-1.4	2.9	7.1	9.5	14.4
Svoboda, M.	LYSAHORA	1973	0.6	2.7	6	7.4	15.1
Svoboda, M.	LYSAHORA	1974	3.8	4.5	8.3	10.4	13.9
Svoboda, M.	LYSAHORA	1975	4.8	1.4	5.6	9.3	14.7
Svoboda, M.	LYSAHORA	1976	2.1	1.6	2.3	9.4	15.4
Svoboda, M.	LYSAHORA	1977	0.5	3.3	8	8.1	14.6
Svoboda, M.	LYSAHORA	1978	2	-0.6	6.5	9.2	13.6
Svoboda, M.	LYSAHORA	1979	-3.4	0.7	5.9	8.8	15.8
Svoboda, M.	LYSAHORA	1980	-2.8	3.3	4.5	7.3	12.4
Svoboda, M.	LYSAHORA	1981	-1.2	1.4	8.6	9.3	15.6
Svoboda, M.	LYSAHORA	1982	-3.3	0.4	6.2	8.2	15.7
Svoboda, M.	LYSAHORA	1983	5	-0.8	6.2	11.6	15.1
Svoboda, M.	LYSAHORA	1984	1.8	0.9	4.1	8.8	13.9
Svoboda, M.	LYSAHORA	1985	-5	-2.4	4.8	10	16.1
Svoboda, M.	LYSAHORA	1986	1.3	-4.8	5.1	10.4	17.5
Svoboda, M.	LYSAHORA	1987	-5.2	0.4	0.8	11.1	12.9
Svoboda, M.	LYSAHORA	1988	4	3.6	4.1	10.7	17
Svoboda, M.	LYSAHORA	1989	2.6	4.9	8.7	10.3	16.1

Svoboda, M.	LYSAHORA	1990	2.5	6.5	9.1	9.6	16.7
Svoboda, P.	MALBRECH	1961	-0.7	4.9	8.3	13.6	12.7
Svoboda, P.	MALBRECH	1962	1.8	1	1.8	11.4	12.5
Svoboda, P.	MALBRECH	1963	-6.2	-4.2	3.7	10.8	14.8
Svoboda, P.	MALBRECH	1964	-3.4	0.7	1.6	11.3	16.2
Svoboda, P.	MALBRECH	1965	2.5	-0.8	3.3	9.1	12.9
Svoboda, P.	MALBRECH	1966	-2.7	5.8	5.4	12	15.4
Svoboda, P.	MALBRECH	1967	0.4	4	7.2	9.5	15.3
Svoboda, P.	MALBRECH	1968	-0.7	2.6	6.4	11.3	13.8
Svoboda, P.	MALBRECH	1969	-0.1	-0.3	2.3	9.4	16.9
Svoboda, P.	MALBRECH	1970	-1.7	0.6	3.3	8.5	13.5
Svoboda, P.	MALBRECH	1971	-2.2	2.8	2.5	10.7	16
Svoboda, P.	MALBRECH	1972	-1.4	2.9	7.1	9.5	14.4
Svoboda, P.	MALBRECH	1973	0.6	2.7	6	7.4	15.1
Svoboda, P.	MALBRECH	1974	3.8	4.5	8.3	10.4	13.9
Svoboda, P.	MALBRECH	1975	4.8	1.4	5.6	9.3	14.7
Svoboda, P.	MALBRECH	1976	2.1	1.6	2.3	9.4	15.4
Svoboda, P.	MALBRECH	1977	0.5	3.3	8	8.1	14.6
Svoboda, P.	MALBRECH	1978	2	-0.6	6.5	9.2	13.6
Svoboda, P.	MALBRECH	1979	-3.4	0.7	5.9	8.8	15.8
Svoboda, P.	MALBRECH	1980	-2.8	3.3	4.5	7.3	12.4
Svoboda, P.	MALBRECH	1981	-1.2	1.4	8.6	9.3	15.6
Svoboda, P.	MALBRECH	1982	-3.3	0.4	6.2	8.2	15.7
Svoboda, P.	MALBRECH	1983	5	-0.8	6.2	11.6	15.1
Svoboda, P.	MALBRECH	1984	1.8	0.9	4.1	8.8	13.9
Svoboda, P.	MALBRECH	1985	-5	-2.4	4.8	10	16.1
Svoboda, P.	MALBRECH	1986	1.3	-4.8	5.1	10.4	17.5
Svoboda, P.	MALBRECH	1987	-5.2	0.4	0.8	11.1	12.9
Svoboda, P.	MALBRECH	1988	4	3.6	4.1	10.7	17
Svoboda, P.	MALBRECH	1989	2.6	4.9	8.7	10.3	16.1
Svoboda, P.	MALBRECH	1990	2.5	6.5	9.1	9.6	16.7
Szymszová	MILESOVK	1961	-0.7	4.9	8.3	13.6	12.7
Szymszová	MILESOVK	1962	1.8	1	1.8	11.4	12.5
Szymszová	MILESOVK	1963	-6.2	-4.2	3.7	10.8	14.8
Szymszová	MILESOVK	1964	-3.4	0.7	1.6	11.3	16.2
Szymszová	MILESOVK	1965	2.5	-0.8	3.3	9.1	12.9
Szymszová	MILESOVK	1966	-2.7	5.8	5.4	12	15.4
Szymszová	MILESOVK	1967	0.4	4	7.2	9.5	15.3
Szymszová	MILESOVK	1968	-0.7	2.6	6.4	11.3	13.8
Szymszová	MILESOVK	1969	-0.1	-0.3	2.3	9.4	16.9
Szymszová	MILESOVK	1970	-1.7	0.6	3.3	8.5	13.5
Szymszová	MILESOVK	1971	-2.2	2.8	2.5	10.7	16
Szymszová	MILESOVK	1972	-1.4	2.9	7.1	9.5	14.4
Szymszová	MILESOVK	1973	0.6	2.7	6	7.4	15.1
Szymszová	MILESOVK	1974	3.8	4.5	8.3	10.4	13.9
Szymszová	MILESOVK	1975	4.8	1.4	5.6	9.3	14.7
Szymszová	MILESOVK	1976	2.1	1.6	2.3	9.4	15.4
Szymszová	MILESOVK	1977	0.5	3.3	8	8.1	14.6
Szymszová	MILESOVK	1978	2	-0.6	6.5	9.2	13.6
Szymszová	MILESOVK	1979	-3.4	0.7	5.9	8.8	15.8

Szymszová	MILESOVK	1980	-2.8	3.3	4.5	7.3	12.4
Szymszová	MILESOVK	1981	-1.2	1.4	8.6	9.3	15.6
Szymszová	MILESOVK	1982	-3.3	0.4	6.2	8.2	15.7
Szymszová	MILESOVK	1983	5	-0.8	6.2	11.6	15.1
Szymszová	MILESOVK	1984	1.8	0.9	4.1	8.8	13.9
Szymszová	MILESOVK	1985	-5	-2.4	4.8	10	16.1
Szymszová	MILESOVK	1986	1.3	-4.8	5.1	10.4	17.5
Szymszová	MILESOVK	1987	-5.2	0.4	0.8	11.1	12.9
Szymszová	MILESOVK	1988	4	3.6	4.1	10.7	17
Szymszová	MILESOVK	1989	2.6	4.9	8.7	10.3	16.1
Szymszová	MILESOVK	1990	2.5	6.5	9.1	9.6	16.7
Šebeček	MOSNOV	1961	-0.7	4.9	8.3	13.6	12.7
Šebeček	MOSNOV	1962	1.8	1	1.8	11.4	12.5
Šebeček	MOSNOV	1963	-6.2	-4.2	3.7	10.8	14.8
Šebeček	MOSNOV	1964	-3.4	0.7	1.6	11.3	16.2
Šebeček	MOSNOV	1965	2.5	-0.8	3.3	9.1	12.9
Šebeček	MOSNOV	1966	-2.7	5.8	5.4	12	15.4
Šebeček	MOSNOV	1967	0.4	4	7.2	9.5	15.3
Šebeček	MOSNOV	1968	-0.7	2.6	6.4	11.3	13.8
Šebeček	MOSNOV	1969	-0.1	-0.3	2.3	9.4	16.9
Šebeček	MOSNOV	1970	-1.7	0.6	3.3	8.5	13.5
Šebeček	MOSNOV	1971	-2.2	2.8	2.5	10.7	16
Šebeček	MOSNOV	1972	-1.4	2.9	7.1	9.5	14.4
Šebeček	MOSNOV	1973	0.6	2.7	6	7.4	15.1
Šebeček	MOSNOV	1974	3.8	4.5	8.3	10.4	13.9
Šebeček	MOSNOV	1975	4.8	1.4	5.6	9.3	14.7
Šebeček	MOSNOV	1976	2.1	1.6	2.3	9.4	15.4
Šebeček	MOSNOV	1977	0.5	3.3	8	8.1	14.6
Šebeček	MOSNOV	1978	2	-0.6	6.5	9.2	13.6
Šebeček	MOSNOV	1979	-3.4	0.7	5.9	8.8	15.8
Šebeček	MOSNOV	1980	-2.8	3.3	4.5	7.3	12.4
Šebeček	MOSNOV	1981	-1.2	1.4	8.6	9.3	15.6
Šebeček	MOSNOV	1982	-3.3	0.4	6.2	8.2	15.7
Šebeček	MOSNOV	1983	5	-0.8	6.2	11.6	15.1
Šebeček	MOSNOV	1984	1.8	0.9	4.1	8.8	13.9
Šebeček	MOSNOV	1985	-5	-2.4	4.8	10	16.1
Šebeček	MOSNOV	1986	1.3	-4.8	5.1	10.4	17.5
Šebeček	MOSNOV	1987	-5.2	0.4	0.8	11.1	12.9
Šebeček	MOSNOV	1988	4	3.6	4.1	10.7	17
Šebeček	MOSNOV	1989	2.6	4.9	8.7	10.3	16.1
Šebeček	MOSNOV	1990	2.5	6.5	9.1	9.6	16.7
Šerý	NEDVEZI	1961	-0.7	4.9	8.3	13.6	12.7
Šerý	NEDVEZI	1962	1.8	1	1.8	11.4	12.5
Šerý	NEDVEZI	1963	-6.2	-4.2	3.7	10.8	14.8
Šerý	NEDVEZI	1964	-3.4	0.7	1.6	11.3	16.2
Šerý	NEDVEZI	1965	2.5	-0.8	3.3	9.1	12.9
Šerý	NEDVEZI	1966	-2.7	5.8	5.4	12	15.4
Šerý	NEDVEZI	1967	0.4	4	7.2	9.5	15.3
Šerý	NEDVEZI	1968	-0.7	2.6	6.4	11.3	13.8
Šerý	NEDVEZI	1969	-0.1	-0.3	2.3	9.4	16.9

Šerý	NEDVEZI	1970	-1.7	0.6	3.3	8.5	13.5
Šerý	NEDVEZI	1971	-2.2	2.8	2.5	10.7	16
Šerý	NEDVEZI	1972	-1.4	2.9	7.1	9.5	14.4
Šerý	NEDVEZI	1973	0.6	2.7	6	7.4	15.1
Šerý	NEDVEZI	1974	3.8	4.5	8.3	10.4	13.9
Šerý	NEDVEZI	1975	4.8	1.4	5.6	9.3	14.7
Šerý	NEDVEZI	1976	2.1	1.6	2.3	9.4	15.4
Šerý	NEDVEZI	1977	0.5	3.3	8	8.1	14.6
Šerý	NEDVEZI	1978	2	-0.6	6.5	9.2	13.6
Šerý	NEDVEZI	1979	-3.4	0.7	5.9	8.8	15.8
Šerý	NEDVEZI	1980	-2.8	3.3	4.5	7.3	12.4
Šerý	NEDVEZI	1981	-1.2	1.4	8.6	9.3	15.6
Šerý	NEDVEZI	1982	-3.3	0.4	6.2	8.2	15.7
Šerý	NEDVEZI	1983	5	-0.8	6.2	11.6	15.1
Šerý	NEDVEZI	1984	1.8	0.9	4.1	8.8	13.9
Šerý	NEDVEZI	1985	-5	-2.4	4.8	10	16.1
Šerý	NEDVEZI	1986	1.3	-4.8	5.1	10.4	17.5
Šerý	NEDVEZI	1987	-5.2	0.4	0.8	11.1	12.9
Šerý	NEDVEZI	1988	4	3.6	4.1	10.7	17
Šerý	NEDVEZI	1989	2.6	4.9	8.7	10.3	16.1
Šerý	NEDVEZI	1990	2.5	6.5	9.1	9.6	16.7
Šindelka	NEPOMUK	1961	-0.7	4.9	8.3	13.6	12.7
Šindelka	NEPOMUK	1962	1.8	1	1.8	11.4	12.5
Šindelka	NEPOMUK	1963	-6.2	-4.2	3.7	10.8	14.8
Šindelka	NEPOMUK	1964	-3.4	0.7	1.6	11.3	16.2
Šindelka	NEPOMUK	1965	2.5	-0.8	3.3	9.1	12.9
Šindelka	NEPOMUK	1966	-2.7	5.8	5.4	12	15.4
Šindelka	NEPOMUK	1967	0.4	4	7.2	9.5	15.3
Šindelka	NEPOMUK	1968	-0.7	2.6	6.4	11.3	13.8
Šindelka	NEPOMUK	1969	-0.1	-0.3	2.3	9.4	16.9
Šindelka	NEPOMUK	1970	-1.7	0.6	3.3	8.5	13.5
Šindelka	NEPOMUK	1971	-2.2	2.8	2.5	10.7	16
Šindelka	NEPOMUK	1972	-1.4	2.9	7.1	9.5	14.4
Šindelka	NEPOMUK	1973	0.6	2.7	6	7.4	15.1
Šindelka	NEPOMUK	1974	3.8	4.5	8.3	10.4	13.9
Šindelka	NEPOMUK	1975	4.8	1.4	5.6	9.3	14.7
Šindelka	NEPOMUK	1976	2.1	1.6	2.3	9.4	15.4
Šindelka	NEPOMUK	1977	0.5	3.3	8	8.1	14.6
Šindelka	NEPOMUK	1978	2	-0.6	6.5	9.2	13.6
Šindelka	NEPOMUK	1979	-3.4	0.7	5.9	8.8	15.8
Šindelka	NEPOMUK	1980	-2.8	3.3	4.5	7.3	12.4
Šindelka	NEPOMUK	1981	-1.2	1.4	8.6	9.3	15.6
Šindelka	NEPOMUK	1982	-3.3	0.4	6.2	8.2	15.7
Šindelka	NEPOMUK	1983	5	-0.8	6.2	11.6	15.1
Šindelka	NEPOMUK	1984	1.8	0.9	4.1	8.8	13.9
Šindelka	NEPOMUK	1985	-5	-2.4	4.8	10	16.1
Šindelka	NEPOMUK	1986	1.3	-4.8	5.1	10.4	17.5
Šindelka	NEPOMUK	1987	-5.2	0.4	0.8	11.1	12.9
Šindelka	NEPOMUK	1988	4	3.6	4.1	10.7	17
Šindelka	NEPOMUK	1989	2.6	4.9	8.7	10.3	16.1

Šindelka	NEPOMUK	1990	2.5	6.5	9.1	9.6	16.7
Šoltýsová	OLOMOUCS	1961	-0.7	4.9	8.3	13.6	12.7
Šoltýsová	OLOMOUCS	1962	1.8	1	1.8	11.4	12.5
Šoltýsová	OLOMOUCS	1963	-6.2	-4.2	3.7	10.8	14.8
Šoltýsová	OLOMOUCS	1964	-3.4	0.7	1.6	11.3	16.2
Šoltýsová	OLOMOUCS	1965	2.5	-0.8	3.3	9.1	12.9
Šoltýsová	OLOMOUCS	1966	-2.7	5.8	5.4	12	15.4
Šoltýsová	OLOMOUCS	1967	0.4	4	7.2	9.5	15.3
Šoltýsová	OLOMOUCS	1968	-0.7	2.6	6.4	11.3	13.8
Šoltýsová	OLOMOUCS	1969	-0.1	-0.3	2.3	9.4	16.9
Šoltýsová	OLOMOUCS	1970	-1.7	0.6	3.3	8.5	13.5
Šoltýsová	OLOMOUCS	1971	-2.2	2.8	2.5	10.7	16
Šoltýsová	OLOMOUCS	1972	-1.4	2.9	7.1	9.5	14.4
Šoltýsová	OLOMOUCS	1973	0.6	2.7	6	7.4	15.1
Šoltýsová	OLOMOUCS	1974	3.8	4.5	8.3	10.4	13.9
Šoltýsová	OLOMOUCS	1975	4.8	1.4	5.6	9.3	14.7
Šoltýsová	OLOMOUCS	1976	2.1	1.6	2.3	9.4	15.4
Šoltýsová	OLOMOUCS	1977	0.5	3.3	8	8.1	14.6
Šoltýsová	OLOMOUCS	1978	2	-0.6	6.5	9.2	13.6
Šoltýsová	OLOMOUCS	1979	-3.4	0.7	5.9	8.8	15.8
Šoltýsová	OLOMOUCS	1980	-2.8	3.3	4.5	7.3	12.4
Šoltýsová	OLOMOUCS	1981	-1.2	1.4	8.6	9.3	15.6
Šoltýsová	OLOMOUCS	1982	-3.3	0.4	6.2	8.2	15.7
Šoltýsová	OLOMOUCS	1983	5	-0.8	6.2	11.6	15.1
Šoltýsová	OLOMOUCS	1984	1.8	0.9	4.1	8.8	13.9
Šoltýsová	OLOMOUCS	1985	-5	-2.4	4.8	10	16.1
Šoltýsová	OLOMOUCS	1986	1.3	-4.8	5.1	10.4	17.5
Šoltýsová	OLOMOUCS	1987	-5.2	0.4	0.8	11.1	12.9
Šoltýsová	OLOMOUCS	1988	4	3.6	4.1	10.7	17
Šoltýsová	OLOMOUCS	1989	2.6	4.9	8.7	10.3	16.1
Šoltýsová	OLOMOUCS	1990	2.5	6.5	9.1	9.6	16.7
Špinarová	ONDREJOV	1961	-0.7	4.9	8.3	13.6	12.7
Špinarová	ONDREJOV	1962	1.8	1	1.8	11.4	12.5
Špinarová	ONDREJOV	1963	-6.2	-4.2	3.7	10.8	14.8
Špinarová	ONDREJOV	1964	-3.4	0.7	1.6	11.3	16.2
Špinarová	ONDREJOV	1965	2.5	-0.8	3.3	9.1	12.9
Špinarová	ONDREJOV	1966	-2.7	5.8	5.4	12	15.4
Špinarová	ONDREJOV	1967	0.4	4	7.2	9.5	15.3
Špinarová	ONDREJOV	1968	-0.7	2.6	6.4	11.3	13.8
Špinarová	ONDREJOV	1969	-0.1	-0.3	2.3	9.4	16.9
Špinarová	ONDREJOV	1970	-1.7	0.6	3.3	8.5	13.5
Špinarová	ONDREJOV	1971	-2.2	2.8	2.5	10.7	16
Špinarová	ONDREJOV	1972	-1.4	2.9	7.1	9.5	14.4
Špinarová	ONDREJOV	1973	0.6	2.7	6	7.4	15.1
Špinarová	ONDREJOV	1974	3.8	4.5	8.3	10.4	13.9
Špinarová	ONDREJOV	1975	4.8	1.4	5.6	9.3	14.7
Špinarová	ONDREJOV	1976	2.1	1.6	2.3	9.4	15.4
Špinarová	ONDREJOV	1977	0.5	3.3	8	8.1	14.6
Špinarová	ONDREJOV	1978	2	-0.6	6.5	9.2	13.6
Špinarová	ONDREJOV	1979	-3.4	0.7	5.9	8.8	15.8

Špinarová	ONDREJOV	1980	-2.8	3.3	4.5	7.3	12.4
Špinarová	ONDREJOV	1981	-1.2	1.4	8.6	9.3	15.6
Špinarová	ONDREJOV	1982	-3.3	0.4	6.2	8.2	15.7
Špinarová	ONDREJOV	1983	5	-0.8	6.2	11.6	15.1
Špinarová	ONDREJOV	1984	1.8	0.9	4.1	8.8	13.9
Špinarová	ONDREJOV	1985	-5	-2.4	4.8	10	16.1
Špinarová	ONDREJOV	1986	1.3	-4.8	5.1	10.4	17.5
Špinarová	ONDREJOV	1987	-5.2	0.4	0.8	11.1	12.9
Špinarová	ONDREJOV	1988	4	3.6	4.1	10.7	17
Špinarová	ONDREJOV	1989	2.6	4.9	8.7	10.3	16.1
Špinarová	ONDREJOV	1990	2.5	6.5	9.1	9.6	16.7
Štaud	OPAVA	1961	-0.7	4.9	8.3	13.6	12.7
Štaud	OPAVA	1962	1.8	1	1.8	11.4	12.5
Štaud	OPAVA	1963	-6.2	-4.2	3.7	10.8	14.8
Štaud	OPAVA	1964	-3.4	0.7	1.6	11.3	16.2
Štaud	OPAVA	1965	2.5	-0.8	3.3	9.1	12.9
Štaud	OPAVA	1966	-2.7	5.8	5.4	12	15.4
Štaud	OPAVA	1967	0.4	4	7.2	9.5	15.3
Štaud	OPAVA	1968	-0.7	2.6	6.4	11.3	13.8
Štaud	OPAVA	1969	-0.1	-0.3	2.3	9.4	16.9
Štaud	OPAVA	1970	-1.7	0.6	3.3	8.5	13.5
Štaud	OPAVA	1971	-2.2	2.8	2.5	10.7	16
Štaud	OPAVA	1972	-1.4	2.9	7.1	9.5	14.4
Štaud	OPAVA	1973	0.6	2.7	6	7.4	15.1
Štaud	OPAVA	1974	3.8	4.5	8.3	10.4	13.9
Štaud	OPAVA	1975	4.8	1.4	5.6	9.3	14.7
Štaud	OPAVA	1976	2.1	1.6	2.3	9.4	15.4
Štaud	OPAVA	1977	0.5	3.3	8	8.1	14.6
Štaud	OPAVA	1978	2	-0.6	6.5	9.2	13.6
Štaud	OPAVA	1979	-3.4	0.7	5.9	8.8	15.8
Štaud	OPAVA	1980	-2.8	3.3	4.5	7.3	12.4
Štaud	OPAVA	1981	-1.2	1.4	8.6	9.3	15.6
Štaud	OPAVA	1982	-3.3	0.4	6.2	8.2	15.7
Štaud	OPAVA	1983	5	-0.8	6.2	11.6	15.1
Štaud	OPAVA	1984	1.8	0.9	4.1	8.8	13.9
Štaud	OPAVA	1985	-5	-2.4	4.8	10	16.1
Štaud	OPAVA	1986	1.3	-4.8	5.1	10.4	17.5
Štaud	OPAVA	1987	-5.2	0.4	0.8	11.1	12.9
Štaud	OPAVA	1988	4	3.6	4.1	10.7	17
Štaud	OPAVA	1989	2.6	4.9	8.7	10.3	16.1
Štaud	OPAVA	1990	2.5	6.5	9.1	9.6	16.7
Štěpánová	PASEKA	1961	-0.7	4.9	8.3	13.6	12.7
Štěpánová	PASEKA	1962	1.8	1	1.8	11.4	12.5
Štěpánová	PASEKA	1963	-6.2	-4.2	3.7	10.8	14.8
Štěpánová	PASEKA	1964	-3.4	0.7	1.6	11.3	16.2
Štěpánová	PASEKA	1965	2.5	-0.8	3.3	9.1	12.9
Štěpánová	PASEKA	1966	-2.7	5.8	5.4	12	15.4
Štěpánová	PASEKA	1967	0.4	4	7.2	9.5	15.3
Štěpánová	PASEKA	1968	-0.7	2.6	6.4	11.3	13.8
Štěpánová	PASEKA	1969	-0.1	-0.3	2.3	9.4	16.9

Štěpánová	PASEKA	1970	-1.7	0.6	3.3	8.5	13.5
Štěpánová	PASEKA	1971	-2.2	2.8	2.5	10.7	16
Štěpánová	PASEKA	1972	-1.4	2.9	7.1	9.5	14.4
Štěpánová	PASEKA	1973	0.6	2.7	6	7.4	15.1
Štěpánová	PASEKA	1974	3.8	4.5	8.3	10.4	13.9
Štěpánová	PASEKA	1975	4.8	1.4	5.6	9.3	14.7
Štěpánová	PASEKA	1976	2.1	1.6	2.3	9.4	15.4
Štěpánová	PASEKA	1977	0.5	3.3	8	8.1	14.6
Štěpánová	PASEKA	1978	2	-0.6	6.5	9.2	13.6
Štěpánová	PASEKA	1979	-3.4	0.7	5.9	8.8	15.8
Štěpánová	PASEKA	1980	-2.8	3.3	4.5	7.3	12.4
Štěpánová	PASEKA	1981	-1.2	1.4	8.6	9.3	15.6
Štěpánová	PASEKA	1982	-3.3	0.4	6.2	8.2	15.7
Štěpánová	PASEKA	1983	5	-0.8	6.2	11.6	15.1
Štěpánová	PASEKA	1984	1.8	0.9	4.1	8.8	13.9
Štěpánová	PASEKA	1985	-5	-2.4	4.8	10	16.1
Štěpánová	PASEKA	1986	1.3	-4.8	5.1	10.4	17.5
Štěpánová	PASEKA	1987	-5.2	0.4	0.8	11.1	12.9
Štěpánová	PASEKA	1988	4	3.6	4.1	10.7	17
Štěpánová	PASEKA	1989	2.6	4.9	8.7	10.3	16.1
Štěpánová	PASEKA	1990	2.5	6.5	9.1	9.6	16.7
Šturc	PKARLOV	1961	-0.7	4.9	8.3	13.6	12.7
Šturc	PKARLOV	1962	1.8	1	1.8	11.4	12.5
Šturc	PKARLOV	1963	-6.2	-4.2	3.7	10.8	14.8
Šturc	PKARLOV	1964	-3.4	0.7	1.6	11.3	16.2
Šturc	PKARLOV	1965	2.5	-0.8	3.3	9.1	12.9
Šturc	PKARLOV	1966	-2.7	5.8	5.4	12	15.4
Šturc	PKARLOV	1967	0.4	4	7.2	9.5	15.3
Šturc	PKARLOV	1968	-0.7	2.6	6.4	11.3	13.8
Šturc	PKARLOV	1969	-0.1	-0.3	2.3	9.4	16.9
Šturc	PKARLOV	1970	-1.7	0.6	3.3	8.5	13.5
Šturc	PKARLOV	1971	-2.2	2.8	2.5	10.7	16
Šturc	PKARLOV	1972	-1.4	2.9	7.1	9.5	14.4
Šturc	PKARLOV	1973	0.6	2.7	6	7.4	15.1
Šturc	PKARLOV	1974	3.8	4.5	8.3	10.4	13.9
Šturc	PKARLOV	1975	4.8	1.4	5.6	9.3	14.7
Šturc	PKARLOV	1976	2.1	1.6	2.3	9.4	15.4
Šturc	PKARLOV	1977	0.5	3.3	8	8.1	14.6
Šturc	PKARLOV	1978	2	-0.6	6.5	9.2	13.6
Šturc	PKARLOV	1979	-3.4	0.7	5.9	8.8	15.8
Šturc	PKARLOV	1980	-2.8	3.3	4.5	7.3	12.4
Šturc	PKARLOV	1981	-1.2	1.4	8.6	9.3	15.6
Šturc	PKARLOV	1982	-3.3	0.4	6.2	8.2	15.7
Šturc	PKARLOV	1983	5	-0.8	6.2	11.6	15.1
Šturc	PKARLOV	1984	1.8	0.9	4.1	8.8	13.9
Šturc	PKARLOV	1985	-5	-2.4	4.8	10	16.1
Šturc	PKARLOV	1986	1.3	-4.8	5.1	10.4	17.5
Šturc	PKARLOV	1987	-5.2	0.4	0.8	11.1	12.9
Šturc	PKARLOV	1988	4	3.6	4.1	10.7	17
Šturc	PKARLOV	1989	2.6	4.9	8.7	10.3	16.1

Šturc	PKARLOV	1990	2.5	6.5	9.1	9.6	16.7
Tomeš	PRADED	1961	-0.7	4.9	8.3	13.6	12.7
Tomeš	PRADED	1962	1.8	1	1.8	11.4	12.5
Tomeš	PRADED	1963	-6.2	-4.2	3.7	10.8	14.8
Tomeš	PRADED	1964	-3.4	0.7	1.6	11.3	16.2
Tomeš	PRADED	1965	2.5	-0.8	3.3	9.1	12.9
Tomeš	PRADED	1966	-2.7	5.8	5.4	12	15.4
Tomeš	PRADED	1967	0.4	4	7.2	9.5	15.3
Tomeš	PRADED	1968	-0.7	2.6	6.4	11.3	13.8
Tomeš	PRADED	1969	-0.1	-0.3	2.3	9.4	16.9
Tomeš	PRADED	1970	-1.7	0.6	3.3	8.5	13.5
Tomeš	PRADED	1971	-2.2	2.8	2.5	10.7	16
Tomeš	PRADED	1972	-1.4	2.9	7.1	9.5	14.4
Tomeš	PRADED	1973	0.6	2.7	6	7.4	15.1
Tomeš	PRADED	1974	3.8	4.5	8.3	10.4	13.9
Tomeš	PRADED	1975	4.8	1.4	5.6	9.3	14.7
Tomeš	PRADED	1976	2.1	1.6	2.3	9.4	15.4
Tomeš	PRADED	1977	0.5	3.3	8	8.1	14.6
Tomeš	PRADED	1978	2	-0.6	6.5	9.2	13.6
Tomeš	PRADED	1979	-3.4	0.7	5.9	8.8	15.8
Tomeš	PRADED	1980	-2.8	3.3	4.5	7.3	12.4
Tomeš	PRADED	1981	-1.2	1.4	8.6	9.3	15.6
Tomeš	PRADED	1982	-3.3	0.4	6.2	8.2	15.7
Tomeš	PRADED	1983	5	-0.8	6.2	11.6	15.1
Tomeš	PRADED	1984	1.8	0.9	4.1	8.8	13.9
Tomeš	PRADED	1985	-5	-2.4	4.8	10	16.1
Tomeš	PRADED	1986	1.3	-4.8	5.1	10.4	17.5
Tomeš	PRADED	1987	-5.2	0.4	0.8	11.1	12.9
Tomeš	PRADED	1988	4	3.6	4.1	10.7	17
Tomeš	PRADED	1989	2.6	4.9	8.7	10.3	16.1
Tomeš	PRADED	1990	2.5	6.5	9.1	9.6	16.7
Tureček	PRIBYSLA	1961	-0.7	4.9	8.3	13.6	12.7
Tureček	PRIBYSLA	1962	1.8	1	1.8	11.4	12.5
Tureček	PRIBYSLA	1963	-6.2	-4.2	3.7	10.8	14.8
Tureček	PRIBYSLA	1964	-3.4	0.7	1.6	11.3	16.2
Tureček	PRIBYSLA	1965	2.5	-0.8	3.3	9.1	12.9
Tureček	PRIBYSLA	1966	-2.7	5.8	5.4	12	15.4
Tureček	PRIBYSLA	1967	0.4	4	7.2	9.5	15.3
Tureček	PRIBYSLA	1968	-0.7	2.6	6.4	11.3	13.8
Tureček	PRIBYSLA	1969	-0.1	-0.3	2.3	9.4	16.9
Tureček	PRIBYSLA	1970	-1.7	0.6	3.3	8.5	13.5
Tureček	PRIBYSLA	1971	-2.2	2.8	2.5	10.7	16
Tureček	PRIBYSLA	1972	-1.4	2.9	7.1	9.5	14.4
Tureček	PRIBYSLA	1973	0.6	2.7	6	7.4	15.1
Tureček	PRIBYSLA	1974	3.8	4.5	8.3	10.4	13.9
Tureček	PRIBYSLA	1975	4.8	1.4	5.6	9.3	14.7
Tureček	PRIBYSLA	1976	2.1	1.6	2.3	9.4	15.4
Tureček	PRIBYSLA	1977	0.5	3.3	8	8.1	14.6
Tureček	PRIBYSLA	1978	2	-0.6	6.5	9.2	13.6
Tureček	PRIBYSLA	1979	-3.4	0.7	5.9	8.8	15.8

Tureček	PRIBYSLA	1980	-2.8	3.3	4.5	7.3	12.4
Tureček	PRIBYSLA	1981	-1.2	1.4	8.6	9.3	15.6
Tureček	PRIBYSLA	1982	-3.3	0.4	6.2	8.2	15.7
Tureček	PRIBYSLA	1983	5	-0.8	6.2	11.6	15.1
Tureček	PRIBYSLA	1984	1.8	0.9	4.1	8.8	13.9
Tureček	PRIBYSLA	1985	-5	-2.4	4.8	10	16.1
Tureček	PRIBYSLA	1986	1.3	-4.8	5.1	10.4	17.5
Tureček	PRIBYSLA	1987	-5.2	0.4	0.8	11.1	12.9
Tureček	PRIBYSLA	1988	4	3.6	4.1	10.7	17
Tureček	PRIBYSLA	1989	2.6	4.9	8.7	10.3	16.1
Tureček	PRIBYSLA	1990	2.5	6.5	9.1	9.6	16.7
Válek	PRIMDA	1961	-0.7	4.9	8.3	13.6	12.7
Válek	PRIMDA	1962	1.8	1	1.8	11.4	12.5
Válek	PRIMDA	1963	-6.2	-4.2	3.7	10.8	14.8
Válek	PRIMDA	1964	-3.4	0.7	1.6	11.3	16.2
Válek	PRIMDA	1965	2.5	-0.8	3.3	9.1	12.9
Válek	PRIMDA	1966	-2.7	5.8	5.4	12	15.4
Válek	PRIMDA	1967	0.4	4	7.2	9.5	15.3
Válek	PRIMDA	1968	-0.7	2.6	6.4	11.3	13.8
Válek	PRIMDA	1969	-0.1	-0.3	2.3	9.4	16.9
Válek	PRIMDA	1970	-1.7	0.6	3.3	8.5	13.5
Válek	PRIMDA	1971	-2.2	2.8	2.5	10.7	16
Válek	PRIMDA	1972	-1.4	2.9	7.1	9.5	14.4
Válek	PRIMDA	1973	0.6	2.7	6	7.4	15.1
Válek	PRIMDA	1974	3.8	4.5	8.3	10.4	13.9
Válek	PRIMDA	1975	4.8	1.4	5.6	9.3	14.7
Válek	PRIMDA	1976	2.1	1.6	2.3	9.4	15.4
Válek	PRIMDA	1977	0.5	3.3	8	8.1	14.6
Válek	PRIMDA	1978	2	-0.6	6.5	9.2	13.6
Válek	PRIMDA	1979	-3.4	0.7	5.9	8.8	15.8
Válek	PRIMDA	1980	-2.8	3.3	4.5	7.3	12.4
Válek	PRIMDA	1981	-1.2	1.4	8.6	9.3	15.6
Válek	PRIMDA	1982	-3.3	0.4	6.2	8.2	15.7
Válek	PRIMDA	1983	5	-0.8	6.2	11.6	15.1
Válek	PRIMDA	1984	1.8	0.9	4.1	8.8	13.9
Válek	PRIMDA	1985	-5	-2.4	4.8	10	16.1
Válek	PRIMDA	1986	1.3	-4.8	5.1	10.4	17.5
Válek	PRIMDA	1987	-5.2	0.4	0.8	11.1	12.9
Válek	PRIMDA	1988	4	3.6	4.1	10.7	17
Válek	PRIMDA	1989	2.6	4.9	8.7	10.3	16.1
Válek	PRIMDA	1990	2.5	6.5	9.1	9.6	16.7
Včelka	PROTIVAN	1961	-0.7	4.9	8.3	13.6	12.7
Včelka	PROTIVAN	1962	1.8	1	1.8	11.4	12.5
Včelka	PROTIVAN	1963	-6.2	-4.2	3.7	10.8	14.8
Včelka	PROTIVAN	1964	-3.4	0.7	1.6	11.3	16.2
Včelka	PROTIVAN	1965	2.5	-0.8	3.3	9.1	12.9
Včelka	PROTIVAN	1966	-2.7	5.8	5.4	12	15.4
Včelka	PROTIVAN	1967	0.4	4	7.2	9.5	15.3
Včelka	PROTIVAN	1968	-0.7	2.6	6.4	11.3	13.8
Včelka	PROTIVAN	1969	-0.1	-0.3	2.3	9.4	16.9

Včelka	PROTIVAN	1970	-1.7	0.6	3.3	8.5	13.5
Včelka	PROTIVAN	1971	-2.2	2.8	2.5	10.7	16
Včelka	PROTIVAN	1972	-1.4	2.9	7.1	9.5	14.4
Včelka	PROTIVAN	1973	0.6	2.7	6	7.4	15.1
Včelka	PROTIVAN	1974	3.8	4.5	8.3	10.4	13.9
Včelka	PROTIVAN	1975	4.8	1.4	5.6	9.3	14.7
Včelka	PROTIVAN	1976	2.1	1.6	2.3	9.4	15.4
Včelka	PROTIVAN	1977	0.5	3.3	8	8.1	14.6
Včelka	PROTIVAN	1978	2	-0.6	6.5	9.2	13.6
Včelka	PROTIVAN	1979	-3.4	0.7	5.9	8.8	15.8
Včelka	PROTIVAN	1980	-2.8	3.3	4.5	7.3	12.4
Včelka	PROTIVAN	1981	-1.2	1.4	8.6	9.3	15.6
Včelka	PROTIVAN	1982	-3.3	0.4	6.2	8.2	15.7
Včelka	PROTIVAN	1983	5	-0.8	6.2	11.6	15.1
Včelka	PROTIVAN	1984	1.8	0.9	4.1	8.8	13.9
Včelka	PROTIVAN	1985	-5	-2.4	4.8	10	16.1
Včelka	PROTIVAN	1986	1.3	-4.8	5.1	10.4	17.5
Včelka	PROTIVAN	1987	-5.2	0.4	0.8	11.1	12.9
Včelka	PROTIVAN	1988	4	3.6	4.1	10.7	17
Včelka	PROTIVAN	1989	2.6	4.9	8.7	10.3	16.1
Včelka	PROTIVAN	1990	2.5	6.5	9.1	9.6	16.7
Vintr	ROKYTNIC	1961	-0.7	4.9	8.3	13.6	12.7
Vintr	ROKYTNIC	1962	1.8	1	1.8	11.4	12.5
Vintr	ROKYTNIC	1963	-6.2	-4.2	3.7	10.8	14.8
Vintr	ROKYTNIC	1964	-3.4	0.7	1.6	11.3	16.2
Vintr	ROKYTNIC	1965	2.5	-0.8	3.3	9.1	12.9
Vintr	ROKYTNIC	1966	-2.7	5.8	5.4	12	15.4
Vintr	ROKYTNIC	1967	0.4	4	7.2	9.5	15.3
Vintr	ROKYTNIC	1968	-0.7	2.6	6.4	11.3	13.8
Vintr	ROKYTNIC	1969	-0.1	-0.3	2.3	9.4	16.9
Vintr	ROKYTNIC	1970	-1.7	0.6	3.3	8.5	13.5
Vintr	ROKYTNIC	1971	-2.2	2.8	2.5	10.7	16
Vintr	ROKYTNIC	1972	-1.4	2.9	7.1	9.5	14.4
Vintr	ROKYTNIC	1973	0.6	2.7	6	7.4	15.1
Vintr	ROKYTNIC	1974	3.8	4.5	8.3	10.4	13.9
Vintr	ROKYTNIC	1975	4.8	1.4	5.6	9.3	14.7
Vintr	ROKYTNIC	1976	2.1	1.6	2.3	9.4	15.4
Vintr	ROKYTNIC	1977	0.5	3.3	8	8.1	14.6
Vintr	ROKYTNIC	1978	2	-0.6	6.5	9.2	13.6
Vintr	ROKYTNIC	1979	-3.4	0.7	5.9	8.8	15.8
Vintr	ROKYTNIC	1980	-2.8	3.3	4.5	7.3	12.4
Vintr	ROKYTNIC	1981	-1.2	1.4	8.6	9.3	15.6
Vintr	ROKYTNIC	1982	-3.3	0.4	6.2	8.2	15.7
Vintr	ROKYTNIC	1983	5	-0.8	6.2	11.6	15.1
Vintr	ROKYTNIC	1984	1.8	0.9	4.1	8.8	13.9
Vintr	ROKYTNIC	1985	-5	-2.4	4.8	10	16.1
Vintr	ROKYTNIC	1986	1.3	-4.8	5.1	10.4	17.5
Vintr	ROKYTNIC	1987	-5.2	0.4	0.8	11.1	12.9
Vintr	ROKYTNIC	1988	4	3.6	4.1	10.7	17
Vintr	ROKYTNIC	1989	2.6	4.9	8.7	10.3	16.1

Vintr	ROKYTNIC	1990	2.5	6.5	9.1	9.6	16.7
Vodička	RUZYNE	1961	-0.7	4.9	8.3	13.6	12.7
Vodička	RUZYNE	1962	1.8	1	1.8	11.4	12.5
Vodička	RUZYNE	1963	-6.2	-4.2	3.7	10.8	14.8
Vodička	RUZYNE	1964	-3.4	0.7	1.6	11.3	16.2
Vodička	RUZYNE	1965	2.5	-0.8	3.3	9.1	12.9
Vodička	RUZYNE	1966	-2.7	5.8	5.4	12	15.4
Vodička	RUZYNE	1967	0.4	4	7.2	9.5	15.3
Vodička	RUZYNE	1968	-0.7	2.6	6.4	11.3	13.8
Vodička	RUZYNE	1969	-0.1	-0.3	2.3	9.4	16.9
Vodička	RUZYNE	1970	-1.7	0.6	3.3	8.5	13.5
Vodička	RUZYNE	1971	-2.2	2.8	2.5	10.7	16
Vodička	RUZYNE	1972	-1.4	2.9	7.1	9.5	14.4
Vodička	RUZYNE	1973	0.6	2.7	6	7.4	15.1
Vodička	RUZYNE	1974	3.8	4.5	8.3	10.4	13.9
Vodička	RUZYNE	1975	4.8	1.4	5.6	9.3	14.7
Vodička	RUZYNE	1976	2.1	1.6	2.3	9.4	15.4
Vodička	RUZYNE	1977	0.5	3.3	8	8.1	14.6
Vodička	RUZYNE	1978	2	-0.6	6.5	9.2	13.6
Vodička	RUZYNE	1979	-3.4	0.7	5.9	8.8	15.8
Vodička	RUZYNE	1980	-2.8	3.3	4.5	7.3	12.4
Vodička	RUZYNE	1981	-1.2	1.4	8.6	9.3	15.6
Vodička	RUZYNE	1982	-3.3	0.4	6.2	8.2	15.7
Vodička	RUZYNE	1983	5	-0.8	6.2	11.6	15.1
Vodička	RUZYNE	1984	1.8	0.9	4.1	8.8	13.9
Vodička	RUZYNE	1985	-5	-2.4	4.8	10	16.1
Vodička	RUZYNE	1986	1.3	-4.8	5.1	10.4	17.5
Vodička	RUZYNE	1987	-5.2	0.4	0.8	11.1	12.9
Vodička	RUZYNE	1988	4	3.6	4.1	10.7	17
Vodička	RUZYNE	1989	2.6	4.9	8.7	10.3	16.1
Vodička	RUZYNE	1990	2.5	6.5	9.1	9.6	16.7
Vymazalová	SEMCICE	1961	-0.7	4.9	8.3	13.6	12.7
Vymazalová	SEMCICE	1962	1.8	1	1.8	11.4	12.5
Vymazalová	SEMCICE	1963	-6.2	-4.2	3.7	10.8	14.8
Vymazalová	SEMCICE	1964	-3.4	0.7	1.6	11.3	16.2
Vymazalová	SEMCICE	1965	2.5	-0.8	3.3	9.1	12.9
Vymazalová	SEMCICE	1966	-2.7	5.8	5.4	12	15.4
Vymazalová	SEMCICE	1967	0.4	4	7.2	9.5	15.3
Vymazalová	SEMCICE	1968	-0.7	2.6	6.4	11.3	13.8
Vymazalová	SEMCICE	1969	-0.1	-0.3	2.3	9.4	16.9
Vymazalová	SEMCICE	1970	-1.7	0.6	3.3	8.5	13.5
Vymazalová	SEMCICE	1971	-2.2	2.8	2.5	10.7	16
Vymazalová	SEMCICE	1972	-1.4	2.9	7.1	9.5	14.4
Vymazalová	SEMCICE	1973	0.6	2.7	6	7.4	15.1
Vymazalová	SEMCICE	1974	3.8	4.5	8.3	10.4	13.9
Vymazalová	SEMCICE	1975	4.8	1.4	5.6	9.3	14.7
Vymazalová	SEMCICE	1976	2.1	1.6	2.3	9.4	15.4
Vymazalová	SEMCICE	1977	0.5	3.3	8	8.1	14.6
Vymazalová	SEMCICE	1978	2	-0.6	6.5	9.2	13.6
Vymazalová	SEMCICE	1979	-3.4	0.7	5.9	8.8	15.8

Vymazalová	SEMCICE	1980	-2.8	3.3	4.5	7.3	12.4
Vymazalová	SEMCICE	1981	-1.2	1.4	8.6	9.3	15.6
Vymazalová	SEMCICE	1982	-3.3	0.4	6.2	8.2	15.7
Vymazalová	SEMCICE	1983	5	-0.8	6.2	11.6	15.1
Vymazalová	SEMCICE	1984	1.8	0.9	4.1	8.8	13.9
Vymazalová	SEMCICE	1985	-5	-2.4	4.8	10	16.1
Vymazalová	SEMCICE	1986	1.3	-4.8	5.1	10.4	17.5
Vymazalová	SEMCICE	1987	-5.2	0.4	0.8	11.1	12.9
Vymazalová	SEMCICE	1988	4	3.6	4.1	10.7	17
Vymazalová	SEMCICE	1989	2.6	4.9	8.7	10.3	16.1
Vymazalová	SEMCICE	1990	2.5	6.5	9.1	9.6	16.7
Weicht	STMESTO	1961	-0.7	4.9	8.3	13.6	12.7
Weicht	STMESTO	1962	1.8	1	1.8	11.4	12.5
Weicht	STMESTO	1963	-6.2	-4.2	3.7	10.8	14.8
Weicht	STMESTO	1964	-3.4	0.7	1.6	11.3	16.2
Weicht	STMESTO	1965	2.5	-0.8	3.3	9.1	12.9
Weicht	STMESTO	1966	-2.7	5.8	5.4	12	15.4
Weicht	STMESTO	1967	0.4	4	7.2	9.5	15.3
Weicht	STMESTO	1968	-0.7	2.6	6.4	11.3	13.8
Weicht	STMESTO	1969	-0.1	-0.3	2.3	9.4	16.9
Weicht	STMESTO	1970	-1.7	0.6	3.3	8.5	13.5
Weicht	STMESTO	1971	-2.2	2.8	2.5	10.7	16
Weicht	STMESTO	1972	-1.4	2.9	7.1	9.5	14.4
Weicht	STMESTO	1973	0.6	2.7	6	7.4	15.1
Weicht	STMESTO	1974	3.8	4.5	8.3	10.4	13.9
Weicht	STMESTO	1975	4.8	1.4	5.6	9.3	14.7
Weicht	STMESTO	1976	2.1	1.6	2.3	9.4	15.4
Weicht	STMESTO	1977	0.5	3.3	8	8.1	14.6
Weicht	STMESTO	1978	2	-0.6	6.5	9.2	13.6
Weicht	STMESTO	1979	-3.4	0.7	5.9	8.8	15.8
Weicht	STMESTO	1980	-2.8	3.3	4.5	7.3	12.4
Weicht	STMESTO	1981	-1.2	1.4	8.6	9.3	15.6
Weicht	STMESTO	1982	-3.3	0.4	6.2	8.2	15.7
Weicht	STMESTO	1983	5	-0.8	6.2	11.6	15.1
Weicht	STMESTO	1984	1.8	0.9	4.1	8.8	13.9
Weicht	STMESTO	1985	-5	-2.4	4.8	10	16.1
Weicht	STMESTO	1986	1.3	-4.8	5.1	10.4	17.5
Weicht	STMESTO	1987	-5.2	0.4	0.8	11.1	12.9
Weicht	STMESTO	1988	4	3.6	4.1	10.7	17
Weicht	STMESTO	1989	2.6	4.9	8.7	10.3	16.1
Weicht	STMESTO	1990	2.5	6.5	9.1	9.6	16.7
Zachar	STRANI	1961	-0.7	4.9	8.3	13.6	12.7
Zachar	STRANI	1962	1.8	1	1.8	11.4	12.5
Zachar	STRANI	1963	-6.2	-4.2	3.7	10.8	14.8
Zachar	STRANI	1964	-3.4	0.7	1.6	11.3	16.2
Zachar	STRANI	1965	2.5	-0.8	3.3	9.1	12.9
Zachar	STRANI	1966	-2.7	5.8	5.4	12	15.4
Zachar	STRANI	1967	0.4	4	7.2	9.5	15.3
Zachar	STRANI	1968	-0.7	2.6	6.4	11.3	13.8
Zachar	STRANI	1969	-0.1	-0.3	2.3	9.4	16.9

Zachar	STRANI	1970	-1.7	0.6	3.3	8.5	13.5
Zachar	STRANI	1971	-2.2	2.8	2.5	10.7	16
Zachar	STRANI	1972	-1.4	2.9	7.1	9.5	14.4
Zachar	STRANI	1973	0.6	2.7	6	7.4	15.1
Zachar	STRANI	1974	3.8	4.5	8.3	10.4	13.9
Zachar	STRANI	1975	4.8	1.4	5.6	9.3	14.7
Zachar	STRANI	1976	2.1	1.6	2.3	9.4	15.4
Zachar	STRANI	1977	0.5	3.3	8	8.1	14.6
Zachar	STRANI	1978	2	-0.6	6.5	9.2	13.6
Zachar	STRANI	1979	-3.4	0.7	5.9	8.8	15.8
Zachar	STRANI	1980	-2.8	3.3	4.5	7.3	12.4
Zachar	STRANI	1981	-1.2	1.4	8.6	9.3	15.6
Zachar	STRANI	1982	-3.3	0.4	6.2	8.2	15.7
Zachar	STRANI	1983	5	-0.8	6.2	11.6	15.1
Zachar	STRANI	1984	1.8	0.9	4.1	8.8	13.9
Zachar	STRANI	1985	-5	-2.4	4.8	10	16.1
Zachar	STRANI	1986	1.3	-4.8	5.1	10.4	17.5
Zachar	STRANI	1987	-5.2	0.4	0.8	11.1	12.9
Zachar	STRANI	1988	4	3.6	4.1	10.7	17
Zachar	STRANI	1989	2.6	4.9	8.7	10.3	16.1
Zachar	STRANI	1990	2.5	6.5	9.1	9.6	16.7
Zajícová	STRAZNIC	1961	-0.7	4.9	8.3	13.6	12.7
Zajícová	STRAZNIC	1962	1.8	1	1.8	11.4	12.5
Zajícová	STRAZNIC	1963	-6.2	-4.2	3.7	10.8	14.8
Zajícová	STRAZNIC	1964	-3.4	0.7	1.6	11.3	16.2
Zajícová	STRAZNIC	1965	2.5	-0.8	3.3	9.1	12.9
Zajícová	STRAZNIC	1966	-2.7	5.8	5.4	12	15.4
Zajícová	STRAZNIC	1967	0.4	4	7.2	9.5	15.3
Zajícová	STRAZNIC	1968	-0.7	2.6	6.4	11.3	13.8
Zajícová	STRAZNIC	1969	-0.1	-0.3	2.3	9.4	16.9
Zajícová	STRAZNIC	1970	-1.7	0.6	3.3	8.5	13.5
Zajícová	STRAZNIC	1971	-2.2	2.8	2.5	10.7	16
Zajícová	STRAZNIC	1972	-1.4	2.9	7.1	9.5	14.4
Zajícová	STRAZNIC	1973	0.6	2.7	6	7.4	15.1
Zajícová	STRAZNIC	1974	3.8	4.5	8.3	10.4	13.9
Zajícová	STRAZNIC	1975	4.8	1.4	5.6	9.3	14.7
Zajícová	STRAZNIC	1976	2.1	1.6	2.3	9.4	15.4
Zajícová	STRAZNIC	1977	0.5	3.3	8	8.1	14.6
Zajícová	STRAZNIC	1978	2	-0.6	6.5	9.2	13.6
Zajícová	STRAZNIC	1979	-3.4	0.7	5.9	8.8	15.8
Zajícová	STRAZNIC	1980	-2.8	3.3	4.5	7.3	12.4
Zajícová	STRAZNIC	1981	-1.2	1.4	8.6	9.3	15.6
Zajícová	STRAZNIC	1982	-3.3	0.4	6.2	8.2	15.7
Zajícová	STRAZNIC	1983	5	-0.8	6.2	11.6	15.1
Zajícová	STRAZNIC	1984	1.8	0.9	4.1	8.8	13.9
Zajícová	STRAZNIC	1985	-5	-2.4	4.8	10	16.1
Zajícová	STRAZNIC	1986	1.3	-4.8	5.1	10.4	17.5
Zajícová	STRAZNIC	1987	-5.2	0.4	0.8	11.1	12.9
Zajícová	STRAZNIC	1988	4	3.6	4.1	10.7	17
Zajícová	STRAZNIC	1989	2.6	4.9	8.7	10.3	16.1

Zajícová	STRAZNIC	1990	2.5	6.5	9.1	9.6	16.7
Žáčková	STRIBRO	1961	-0.7	4.9	8.3	13.6	12.7
Žáčková	STRIBRO	1962	1.8	1	1.8	11.4	12.5
Žáčková	STRIBRO	1963	-6.2	-4.2	3.7	10.8	14.8
Žáčková	STRIBRO	1964	-3.4	0.7	1.6	11.3	16.2
Žáčková	STRIBRO	1965	2.5	-0.8	3.3	9.1	12.9
Žáčková	STRIBRO	1966	-2.7	5.8	5.4	12	15.4
Žáčková	STRIBRO	1967	0.4	4	7.2	9.5	15.3
Žáčková	STRIBRO	1968	-0.7	2.6	6.4	11.3	13.8
Žáčková	STRIBRO	1969	-0.1	-0.3	2.3	9.4	16.9
Žáčková	STRIBRO	1970	-1.7	0.6	3.3	8.5	13.5
Žáčková	STRIBRO	1971	-2.2	2.8	2.5	10.7	16
Žáčková	STRIBRO	1972	-1.4	2.9	7.1	9.5	14.4
Žáčková	STRIBRO	1973	0.6	2.7	6	7.4	15.1
Žáčková	STRIBRO	1974	3.8	4.5	8.3	10.4	13.9
Žáčková	STRIBRO	1975	4.8	1.4	5.6	9.3	14.7
Žáčková	STRIBRO	1976	2.1	1.6	2.3	9.4	15.4
Žáčková	STRIBRO	1977	0.5	3.3	8	8.1	14.6
Žáčková	STRIBRO	1978	2	-0.6	6.5	9.2	13.6
Žáčková	STRIBRO	1979	-3.4	0.7	5.9	8.8	15.8
Žáčková	STRIBRO	1980	-2.8	3.3	4.5	7.3	12.4
Žáčková	STRIBRO	1981	-1.2	1.4	8.6	9.3	15.6
Žáčková	STRIBRO	1982	-3.3	0.4	6.2	8.2	15.7
Žáčková	STRIBRO	1983	5	-0.8	6.2	11.6	15.1
Žáčková	STRIBRO	1984	1.8	0.9	4.1	8.8	13.9
Žáčková	STRIBRO	1985	-5	-2.4	4.8	10	16.1
Žáčková	STRIBRO	1986	1.3	-4.8	5.1	10.4	17.5
Žáčková	STRIBRO	1987	-5.2	0.4	0.8	11.1	12.9
Žáčková	STRIBRO	1988	4	3.6	4.1	10.7	17
Žáčková	STRIBRO	1989	2.6	4.9	8.7	10.3	16.1
Žáčková	STRIBRO	1990	2.5	6.5	9.1	9.6	16.7

K-VI	K-VII	K-VIII	K-IX	K-X	K-XI	K-XII	St.-I	St.-II
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.8	1.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.8	-3.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-7.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.1	-3.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.9	-5.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.8	2.4
17.6	21.3	19	16.1	13.2	5	2	-3	-0.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.4	-2.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-5.2
19	19.7	18.7	14.9	10.1	7.3	2.2	-5.8	-3.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	-1.9
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.6	-1.3
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.7	-2.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.1	0
17.3	20.7	21	18.4	9.1	4	2.5	1	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2	-2.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.7	-0.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.8	-4.3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.9	-3.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.6	-0.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.8	-3.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.1	-3
18.9	23.3	20.1	15.6	11.1	4	1.1	0.7	-4.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.5	-3.3
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-6.1
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.7	-8.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.7	-2.9
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.1	-1.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	0.1
18.7	19.8	20.9	13.6	11	6	1.7	-1.2	2.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	1.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.8	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-1.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.5	-5.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.5	5
17.6	21.3	19	16.1	13.2	5	2	-3.2	-0.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.6	1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.8	-1.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.3	-2.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.6	0.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.2	3.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	0.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	4.1
17.3	20.7	21	18.4	9.1	4	2.5	2.4	-0.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.1	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.5	-1.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	-0.5

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.3	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-2.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.3	-2.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.1	-1.2
16	20	19.5	15.6	9.9	2.4	4.9	-7.8	-6.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.9	-5.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.3	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.2	2.4
18.7	19.8	20.9	13.6	11	6	1.7	-0.7	3.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-4	-0.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.3	-5.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.3	-7.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.2	-5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.4	-7.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-7	1.2
17.6	21.3	19	16.1	13.2	5	2	-5.2	-2.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6	-2.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.5	-5
19	19.7	18.7	14.9	10.1	7.3	2.2	-6	-6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.5	-3.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.8	-1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.9	-3.2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.5	-0.3
17.3	20.7	21	18.4	9.1	4	2.5	-0.5	-1.5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.6	-2.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.7	-1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.8	-5.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.8	-3.7
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.9	-1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.5	-3.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.6	-3.7
18.9	23.3	20.1	15.6	11.1	4	1.1	-1.1	-5.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-4.1	-4.2
16	20	19.5	15.6	9.9	2.4	4.9	-8.4	-7.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.8	-8.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.6	-3.3
17.7	20.1	19.8	15.6	11.1	2.8	4	-1.2	-2.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1	-0.7
18.7	19.8	20.9	13.6	11	6	1.7	-1.7	1.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.4	-1.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.3	-4.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-5	4.8
17.6	21.3	19	16.1	13.2	5	2	-2.6	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	1.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.8	-1.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-3	-2.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.3	0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.2	2.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.9	0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.3	3.9
17.3	20.7	21	18.4	9.1	4	2.5	3.1	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.4	-1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.5	2.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.1	-1.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	-1.8
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.7	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.6	-2.3
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.2	-0.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.9	-6.1
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.9	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	2.1	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	3.2
18.7	19.8	20.9	13.6	11	6	1.7	0	4.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-1.9	3.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.7	-0.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.2	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.2	-0.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.3	-2.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.1
17.6	21.3	19	16.1	13.2	5	2	-1.1	2.7
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2	1.3
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.6	-1.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.8	-0.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.8	1.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.4	1.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.5	2.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.5	3.4
17.3	20.7	21	18.4	9.1	4	2.5	3.7	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	1.1	0.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	2.2
17.4	18	17.4	14.2	10.1	4.8	2.3	1.2	-1.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.2	-0.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.4	2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-2.7	0.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.2	-1
18.9	23.3	20.1	15.6	11.1	4	1.1	4	-2.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.7	0
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-3.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.4	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	2.8	2.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.5	4

18.7	19.8	20.9	13.6	11	6	1.7	1.6	5.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.5	1.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.2	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.3	-7.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.4	-2.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.8	-5.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.6	2.2
17.6	21.3	19	16.1	13.2	5	2	-2.7	0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.9	-0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-5	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.5	0
18.1	20.6	18.6	12.8	7.8	5.9	1	-5	1.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.8	-0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.7	1.9
17.3	20.7	21	18.4	9.1	4	2.5	2.2	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2.1	-2.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.6	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.5	-3.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.6	-3.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.6	0
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-2.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.4	-2.3
18.9	23.3	20.1	15.6	11.1	4	1.1	2.1	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.9	-2
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-5.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.9	-9.8
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.5	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	0.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.2	2.3
18.7	19.8	20.9	13.6	11	6	1.7	0.3	3.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	2.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.1	-1.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.2	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.1	-1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.1	-3.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.3
17.6	21.3	19	16.1	13.2	5	2	-2.2	0.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-2.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.9	2.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.1	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	3.6
17.3	20.7	21	18.4	9.1	4	2.5	2	-0.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.3	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.5	1.3
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.4	-2.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5	-0.9

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-0.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-1.6
18.9	23.3	20.1	15.6	11.1	4	1.1	3	-2.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.8	-0.6
16	20	19.5	15.6	9.9	2.4	4.9	-8	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.9	-6.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.2	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	1.6	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.1	3.7
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	4.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.4	0.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.6	-3.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.6	-3.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.3	-5.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.4	3.2
17.6	21.3	19	16.1	13.2	5	2	-4	-0.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5	-1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.3	-4
19	19.7	18.7	14.9	10.1	7.3	2.2	-5	-4.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.8	-0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.9	0.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.8	-1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.7	1.9
17.3	20.7	21	18.4	9.1	4	2.5	0.8	-1.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2.2	-2.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.8	-0.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.6	-4.3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.6	-2.8
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.1	-0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.8	-2
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.6	-3.8
18.9	23.3	20.1	15.6	11.1	4	1.1	1.2	-4.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.7	-2.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-6.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.1	-8.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.5	-2.6
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.1	-0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.4	1.1
18.7	19.8	20.9	13.6	11	6	1.7	-1.6	1.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.5	2.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-0.9
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.7	-7.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.5	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.4	5
17.6	21.3	19	16.1	13.2	5	2	-1.1	1.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.1	0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-1.8

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-0.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.4	0.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.2	1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	0.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.9	2.9
17.3	20.7	21	18.4	9.1	4	2.5	3	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.9	-0.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1	2.2
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-2.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	0
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	1.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-0.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.2	-1.4
18.9	23.3	20.1	15.6	11.1	4	1.1	3.4	-2.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.5	-0.8
16	20	19.5	15.6	9.9	2.4	4.9	-6.6	-4.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0.2	-6.7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.3	-1.6
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.8
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.2	3.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	4.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.8	2.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-1.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.4	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.6	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.1	-4.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5	4.8
17.6	21.3	19	16.1	13.2	5	2	-2.2	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.2	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.7	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.9	-2.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.6	-0.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.8	0.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.1	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2.4	-1.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.9	-0.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.9	1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.9	-3.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.4	-1.5
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.8	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.8	-1.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	2.5	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-2
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.4	-7.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.7	-1.5
17.7	20.1	19.8	15.6	11.1	2.8	4	1.5	0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.1	2.3

18.7	19.8	20.9	13.6	11	6	1.7	0.2	4.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-5.5	-1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.8	-5.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-11.8	-8.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7	-5.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.6	-7.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-8.4	1.2
17.6	21.3	19	16.1	13.2	5	2	-5.7	-2.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6.2	-2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5.8	-4.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-6.1	-5.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	-2.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-6	-0.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.2	-2.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.8	0.6
17.3	20.7	21	18.4	9.1	4	2.5	-0.2	-2.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.6	-3.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.6	-1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.4	-4.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.5	-4.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-7.2	-1.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.7	-3.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.3	-4.3
18.9	23.3	20.1	15.6	11.1	4	1.1	-0.7	-5.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.6	-4.1
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-8.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.4	-9.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-10.7	-2.9
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.8	-1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.5	0
18.7	19.8	20.9	13.6	11	6	1.7	-2.5	2
18.5	17.9	18	17.4	11.7	4.5	0.1	-5.7	-1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.9	-5.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.6	-7.8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-5.2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3	-7.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-8.2	0.6
17.6	21.3	19	16.1	13.2	5	2	-5.6	-2.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6.2	-2.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5.2	-5.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-6.4	-5.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.4	-2.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-6.1	-0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.7	-2.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.6	-0.5
17.3	20.7	21	18.4	9.1	4	2.5	-0.5	-3.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.6	-3.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-4	-2.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.1	-5.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.6	-4.5

17.5	17.1	18.9	14.4	9.6	4	1.6	-7.1	-2.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.6	-3.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-7.2	-4.9
18.9	23.3	20.1	15.6	11.1	4	1.1	-0.6	-6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-4.2	-4.3
16	20	19.5	15.6	9.9	2.4	4.9	-9.1	-8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.4	-9.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.7	-4.5
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.9	-2.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.6	-0.8
18.7	19.8	20.9	13.6	11	6	1.7	-2.2	0.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.4	3.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.4	-0.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.9	-6.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-0.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1	-2.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	3.4
17.6	21.3	19	16.1	13.2	5	2	-1	2.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.6	0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.6	-2.2
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-1.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-5.3	1.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.8	1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.1	2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.2	3
17.3	20.7	21	18.4	9.1	4	2.5	3.4	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.7	0.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	1	-2.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.8	-1.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.7	1.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.4	0.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-1.3
18.9	23.3	20.1	15.6	11.1	4	1.1	3.7	-2.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.5	-0.2
16	20	19.5	15.6	9.9	2.4	4.9	-7	-3.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.1	-6.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.8	-1.3
17.7	20.1	19.8	15.6	11.1	2.8	4	2.2	2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.3	3.6
18.7	19.8	20.9	13.6	11	6	1.7	1	3.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.3	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.5	-1.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.2	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.4	-1.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.4	3
17.6	21.3	19	16.1	13.2	5	2	-2	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.6	0.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-2.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-2.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-3	2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1	0.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	2.4
17.3	20.7	21	18.4	9.1	4	2.5	2.6	-1.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.4	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-3.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.2	-2.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.4	0.7
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-3.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.5	-1.2
16	20	19.5	15.6	9.9	2.4	4.9	-7.2	-4.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.5	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.3	-1.8
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.4	2.9
18.7	19.8	20.9	13.6	11	6	1.7	0.3	3.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.4	2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.3
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7	-1.2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-4
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.8	4.5
17.6	21.3	19	16.1	13.2	5	2	-2.3	0.7
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.9	1.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.8	-2.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	1.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.5	3.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	0.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.6	3.9
17.3	20.7	21	18.4	9.1	4	2.5	2.8	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.6	2.2
17.4	18	17.4	14.2	10.1	4.8	2.3	0.2	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-0.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	0.6
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-0.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.8	-1.7
18.9	23.3	20.1	15.6	11.1	4	1.1	2.7	-2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.2	-0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8.6	-5.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.9	-1.4
17.7	20.1	19.8	15.6	11.1	2.8	4	2.1	2.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.7	3.4

18.7	19.8	20.9	13.6	11	6	1.7	-0.3	4.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.1	3.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.5	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.8	-1.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.1	-3.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4	4.7
17.6	21.3	19	16.1	13.2	5	2	-0.9	2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.2	0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.3	-2.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.9	-1.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.6	0.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.3	0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	0.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.3	2.9
17.3	20.7	21	18.4	9.1	4	2.5	3.2	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.6	-0.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1.7
17.4	18	17.4	14.2	10.1	4.8	2.3	0.1	-2.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.4	-0.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	2.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.7	-0.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-6	-1.3
18.9	23.3	20.1	15.6	11.1	4	1.1	3.5	-3.3
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.2	-1.5
16	20	19.5	15.6	9.9	2.4	4.9	-7.3	-5.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0.1	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.7	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	2.3	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.8	3.2
18.7	19.8	20.9	13.6	11	6	1.7	0.9	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.2	2.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.1	-1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-5.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.2	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.2
17.6	21.3	19	16.1	13.2	5	2	-2.1	1.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	0.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.4	-1.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.7	2.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.8	3.6
17.3	20.7	21	18.4	9.1	4	2.5	2.6	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.6	-0.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.8	1.7
17.4	18	17.4	14.2	10.1	4.8	2.3	0.1	-1.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-1

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.4
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.6	-0.8
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.9	-1.6
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-2.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.1	-0.4
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-6.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.9	-0.7
17.7	20.1	19.8	15.6	11.1	2.8	4	2.2	1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	3.3
18.7	19.8	20.9	13.6	11	6	1.7	0.7	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-4	2.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-7.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.4	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-4.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.1	4.6
17.6	21.3	19	16.1	13.2	5	2	-1.6	0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.4	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.2	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-4	-1.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	-0.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.6	-0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.6	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.1	1.4
17.3	20.7	21	18.4	9.1	4	2.5	2.1	-1.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.1	-1.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.9	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.3	-3.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.7	-1.5
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-3.1
18.9	23.3	20.1	15.6	11.1	4	1.1	3	-3.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.8	-8.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.2	-2.8
17.7	20.1	19.8	15.6	11.1	2.8	4	1	0.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	2.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.9	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.9	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.4	-3.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	3.8
17.6	21.3	19	16.1	13.2	5	2	-1.6	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3	-0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.1	-3.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-4.3	-2.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4	-0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.7	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.8	-0.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.2	1.8
17.3	20.7	21	18.4	9.1	4	2.5	2.1	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.2	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.5	1.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-1	-3.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.1	-2.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.4	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.3	-1.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.9	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	2.3	-3.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.9	-2.2
16	20	19.5	15.6	9.9	2.4	4.9	-6.8	-5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.3	-2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.1	0.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.1	1.6
18.7	19.8	20.9	13.6	11	6	1.7	-0.4	3.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-2	2.9
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.2	-0.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-6.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.7	-3.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.1	4.8
17.6	21.3	19	16.1	13.2	5	2	-1.4	2.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.5	0.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2	-1.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3	-1.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4	1.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.9	1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.3	3.6
17.3	20.7	21	18.4	9.1	4	2.5	3.4	-1.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.5	0
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.8	1.8
17.4	18	17.4	14.2	10.1	4.8	2.3	0.7	-1.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.3	-0.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.2	1.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3	-0.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-1.3
18.9	23.3	20.1	15.6	11.1	4	1.1	3.6	-2.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.5	-0.3
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.4	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.9	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	2.5	2.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1	3.8

18.7	19.8	20.9	13.6	11	6	1.7	1.2	5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.6	0
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.1	-5.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-11.3	-8.3
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.4	-3.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3	-8.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.3	1.6
17.6	21.3	19	16.1	13.2	5	2	-4.1	-2.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6.2	-2.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.2	-5.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.4	-5.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.2	-4.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.6	0
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.9	-4.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.2	-1
17.3	20.7	21	18.4	9.1	4	2.5	0	-2.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.2	-2.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.6	-1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.9	-4.8
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.3	-4.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.7	-1.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-6.3	-5.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-3.5	-4.5
18.9	23.3	20.1	15.6	11.1	4	1.1	-1.2	-6.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-4.1	-5.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.5	-7.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-5.1	-11.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.7	-2.7
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.2	-3.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.1	0.3
18.7	19.8	20.9	13.6	11	6	1.7	-1.2	1.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.2	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.5	-7.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.4	-4.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.1	4.2
17.6	21.3	19	16.1	13.2	5	2	-2.4	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.9	1.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-1.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-2.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.1	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.2	1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	3.6
17.3	20.7	21	18.4	9.1	4	2.5	2.1	-0.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.4	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.2	-2.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-2.3

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.2	-1.8
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-2.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.6	-0.7
16	20	19.5	15.6	9.9	2.4	4.9	-9.2	-5.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.2	-1.4
17.7	20.1	19.8	15.6	11.1	2.8	4	1.6	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	3.6
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.8	1.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.4	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.9	-7.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-2.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-5.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.4	4
17.6	21.3	19	16.1	13.2	5	2	-2.7	0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.1	-0.4
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.9	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-2.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.3	-0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.8	0.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	-0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.8	2.1
17.3	20.7	21	18.4	9.1	4	2.5	1.6	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.7	-1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.4	0.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.1	-3.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.1	1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.6	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2	-3.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.2	-1.6
16	20	19.5	15.6	9.9	2.4	4.9	-7.7	-5.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.4	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-7	-1.7
17.7	20.1	19.8	15.6	11.1	2.8	4	1.2	0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	2.5
18.7	19.8	20.9	13.6	11	6	1.7	-0.6	3.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.4	3.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.1	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.6	-1.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.6	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.4	5.1
17.6	21.3	19	16.1	13.2	5	2	-1.1	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.4	0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-2.2

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.3	-1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.9	-0.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.7	0.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	0.2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.6	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2.5	-0.5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.7	-0.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.6	2
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.3	-2.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-0.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.9	1.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-1.6
18.9	23.3	20.1	15.6	11.1	4	1.1	3	-3.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.4	-1.8
16	20	19.5	15.6	9.9	2.4	4.9	-6.7	-4.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.4	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.4	-1.8
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	2.5
18.7	19.8	20.9	13.6	11	6	1.7	0.1	4.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.1	1.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.3	-3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-7.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.3	-3.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.6	-5.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.9	3.9
17.6	21.3	19	16.1	13.2	5	2	-3.3	-0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.3	-0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.8	-3.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.6	-3.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.6	-0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.9	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.6	-0.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.4	1.7
17.3	20.7	21	18.4	9.1	4	2.5	1.1	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.5	-1.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.8	-0.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.1	-4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.3	-2.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.8	0.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-3.2
18.9	23.3	20.1	15.6	11.1	4	1.1	1.6	-4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.8	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.7	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.4	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	0.3	-0.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.2	1.4

18.7	19.8	20.9	13.6	11	6	1.7	-1.3	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.5	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.5	-6.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-2.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.2	-3.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.6	3.4
17.6	21.3	19	16.1	13.2	5	2	-1.8	0.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	-0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.3	-3.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.1	-2.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	-0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.1	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	-0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	1.9
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.3	-1.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.8	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1	-3.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.9	-2.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.8	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.3	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.2	-3.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.4	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.5	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.3	-2.3
17.7	20.1	19.8	15.6	11.1	2.8	4	0.9	0.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0	2
18.7	19.8	20.9	13.6	11	6	1.7	-0.4	3.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.6	2.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1	-1.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.9	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-1.2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.9	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-5	5
17.6	21.3	19	16.1	13.2	5	2	-2	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-2.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.4	-2.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.4	1.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	1.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.8	3.3
17.3	20.7	21	18.4	9.1	4	2.5	2.2	-0.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.1	-1.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.6	1.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.6	-2.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-1.1

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3	-0.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	3.3	-2.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.6	-1
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-4.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.3	-6.7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.6	-1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.5	1.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.1	3.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.7	3.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.8	1.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.2	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-7.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-3.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1	-4.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.9	2.8
17.6	21.3	19	16.1	13.2	5	2	-2.9	-0.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.1	-1.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-4.1
19	19.7	18.7	14.9	10.1	7.3	2.2	-5.2	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.9	-1.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.9	-1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.7	-1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.2	0.9
17.3	20.7	21	18.4	9.1	4	2.5	1.5	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.5	-1.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.2	0.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.8	-4.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.7	-2.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.3	0.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.5	-2.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.9
18.9	23.3	20.1	15.6	11.1	4	1.1	1.4	-4.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.5	-2.8
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.2	-8.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.8	-2.8
17.7	20.1	19.8	15.6	11.1	2.8	4	0.5	-0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	1
18.7	19.8	20.9	13.6	11	6	1.7	-0.8	3
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	1.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1	-2.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.9	-6.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.6	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.5	-4.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.1	2.5
17.6	21.3	19	16.1	13.2	5	2	-2.6	0.6
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	-0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.9	-2.9

19	19.7	18.7	14.9	10.1	7.3	2.2	-4.5	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-1.8	0.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	1.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.1	0
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.3	2.2
17.3	20.7	21	18.4	9.1	4	2.5	2.5	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.4	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-2.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.6	-2.5
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.9	0.6
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.3	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.1	-1.8
18.9	23.3	20.1	15.6	11.1	4	1.1	2.4	-3.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-1.8
16	20	19.5	15.6	9.9	2.4	4.9	-6.9	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.7	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.9	-1.7
17.7	20.1	19.8	15.6	11.1	2.8	4	1.8	0.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	2.2
18.7	19.8	20.9	13.6	11	6	1.7	0.6	4.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-6.8	-2.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-5.5	-8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-13	-9.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.9	-7.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-5.7	-11.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-9.3	-0.7
17.6	21.3	19	16.1	13.2	5	2	-7.8	-5.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-8.8	-4.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5.4	-6.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-7.2	-8.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.8	-6.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-6.5	-2.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-4.8	-5.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-3.9	-2.4
17.3	20.7	21	18.4	9.1	4	2.5	-3	-5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-7.6	-4.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-5.2	-3.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-5.7	-7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-8.2	-5.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-7.9	-3.7
18.8	18.6	19.1	15.7	10.2	6	-0.8	-8	-6.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-6	-5.8
18.9	23.3	20.1	15.6	11.1	4	1.1	-3.4	-8.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-6.4	-6.6
16	20	19.5	15.6	9.9	2.4	4.9	-10.2	-12.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-7.1	-10.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-11	-4.5
17.7	20.1	19.8	15.6	11.1	2.8	4	-2.6	-5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.5	-1.4

18.7	19.8	20.9	13.6	11	6	1.7	-3	-0.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-3	1.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.4	-6.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-3.6	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1	-5.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.6	2.9
17.6	21.3	19	16.1	13.2	5	2	-2.8	0
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	-0.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.4	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.4	-3.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-1	-0.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.6	1.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.3	0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.6	2.2
17.3	20.7	21	18.4	9.1	4	2.5	2.6	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2.1	-1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.1	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.1	-2.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.2	-2.7
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3	-1.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-2.6	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.3	-3.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.1	-2.1
16	20	19.5	15.6	9.9	2.4	4.9	-6.6	-6.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.1	-8.8
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.2	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.3	2.7
18.7	19.8	20.9	13.6	11	6	1.7	1.3	4.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-5	0
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.9	-4.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-7.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.8	-6.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-7	1.5
17.6	21.3	19	16.1	13.2	5	2	-4.2	-1.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.1	-2.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.3	-5.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-6.6	-5.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.6	-2.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-6.6	-2.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.3	-2.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.1	-0.8
17.3	20.7	21	18.4	9.1	4	2.5	0.1	-1.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.5	-3.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.7	-0.8
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.5	-5.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.6	-3.9

17.5	17.1	18.9	14.4	9.6	4	1.6	-6.7	-1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.6	-3.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-4.2
18.9	23.3	20.1	15.6	11.1	4	1.1	-0.1	-5.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.6	-4.4
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-7.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.2	-9.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.8	-3.8
17.7	20.1	19.8	15.6	11.1	2.8	4	-1.1	-2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.1	-0.2
18.7	19.8	20.9	13.6	11	6	1.7	-1.4	2.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	1.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.4	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.6	-7.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-1.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.8	-5.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.2	3.8
17.6	21.3	19	16.1	13.2	5	2	-2.4	1.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.2	1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-1.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-2.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	0.9
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.7	1.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.2	0.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	3.5
17.3	20.7	21	18.4	9.1	4	2.5	3.2	-0.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.9	-1.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.3	1.8
17.4	18	17.4	14.2	10.1	4.8	2.3	0.3	-1.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	-2.2
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-1
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.4	-1.8
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-2.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.4	-1
16	20	19.5	15.6	9.9	2.4	4.9	-8.6	-6.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.1	-8.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-0.8
17.7	20.1	19.8	15.6	11.1	2.8	4	2.5	2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.1	3.6
18.7	19.8	20.9	13.6	11	6	1.7	0.6	5.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.8	-0.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.4	-4.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.4	-7.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.1	-4.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.1	-6.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.4	2.7
17.6	21.3	19	16.1	13.2	5	2	-4.6	-1.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.4	-2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5	-4.3

19	19.7	18.7	14.9	10.1	7.3	2.2	-5.7	-4.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.3	-1.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.7	-0.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.7	-2.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.3	0.8
17.3	20.7	21	18.4	9.1	4	2.5	0.3	-2.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.4	-2.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.4	-0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-3	-4.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.1	-3.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.7	-1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.3	-2.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.1	-3.9
18.9	23.3	20.1	15.6	11.1	4	1.1	0.4	-4.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.1	-3.5
16	20	19.5	15.6	9.9	2.4	4.9	-8.9	-7.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.6	-9.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.3	-2.6
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.4	-1.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.5	0.6
18.7	19.8	20.9	13.6	11	6	1.7	-2	2.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.2	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.7	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.9	-6.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-2.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.2	-4.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.4
17.6	21.3	19	16.1	13.2	5	2	-1.9	0.7
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	-0.3
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.3	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.2	-0.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.1	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.2	-0.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	1.9
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-0.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.2	-1.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.1	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.1	-3.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.1	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.3	-1.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.3
18.9	23.3	20.1	15.6	11.1	4	1.1	2.2	-3.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.1	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-5.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.7
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.2	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.1	0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.3	2

18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.6	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.4	-1.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.2	-5.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.1	-0.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.8	-4.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.4
17.6	21.3	19	16.1	13.2	5	2	-2	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.8	1.7
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-3	-2.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.4	1.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.7	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.7	1.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.7	4
17.3	20.7	21	18.4	9.1	4	2.5	2.5	0
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.7	-0.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	1.7
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.3	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.7	-0.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-1.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.5	-0.6
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-6.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.9	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	2	2.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.4	3.5
18.7	19.8	20.9	13.6	11	6	1.7	-0.6	4
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	1.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.2	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.8	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-2.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-4.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.5	3.8
17.6	21.3	19	16.1	13.2	5	2	-2.6	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	-0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-3.1
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.5	-2.8
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	-0.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.2	0.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2	-0.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.8	2.1
17.3	20.7	21	18.4	9.1	4	2.5	1.8	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.2	-1.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.1	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.2	-3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.5	-1.7

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-2.5
18.9	23.3	20.1	15.6	11.1	4	1.1	1.6	-3.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.5	-2.2
16	20	19.5	15.6	9.9	2.4	4.9	-7.4	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.9	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.4	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	0.9	0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	1.7
18.7	19.8	20.9	13.6	11	6	1.7	-0.4	4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.5	2.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.3	-1.7
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.4	-7.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.6	-1.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.3	-5
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	3.4
17.6	21.3	19	16.1	13.2	5	2	-1.6	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	1.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-2
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.3	-3.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.5	1.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.9	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.7	2.9
17.3	20.7	21	18.4	9.1	4	2.5	3.5	-0.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1	-1.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.3	-2.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	-2.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.1	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-3.6	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	3.2	-2.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.2	-1
16	20	19.5	15.6	9.9	2.4	4.9	-9.3	-6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-9.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.9	-0.7
17.7	20.1	19.8	15.6	11.1	2.8	4	2.6	2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	3.5
18.7	19.8	20.9	13.6	11	6	1.7	0.7	5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	1.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.4	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.3	-5.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.3	-2.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1	-4.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.2	4
17.6	21.3	19	16.1	13.2	5	2	-2.8	0.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.8	0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-1.7

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.7	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.2	0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.3	2.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	-0.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.6	3.5
17.3	20.7	21	18.4	9.1	4	2.5	2.7	-0.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.1	-1.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	0.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-2.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	-1.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.6	-0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.4	-1.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.7	-2.4
18.9	23.3	20.1	15.6	11.1	4	1.1	1.8	-2.3
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.2	-0.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.3	-5.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.6	-1.1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.3	2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	2.4
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	3.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-1.4	4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	1.3	0.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-6.9	-5.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.2	-0.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.7	-2
19.2	18.5	17.7	15	13.5	4.1	3.4	-3.4	5
17.6	21.3	19	16.1	13.2	5	2	-0.4	3.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-1.5	1.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.5	-0.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	1.9
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.2	1.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	3	3.8
17.3	20.7	21	18.4	9.1	4	2.5	3.9	0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	1.4	0.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.3	2.7
17.4	18	17.4	14.2	10.1	4.8	2.3	1.1	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.2	0.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	2.7
18.8	18.6	19.1	15.7	10.2	6	-0.8	-2.1	0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.1	-0.2
18.9	23.3	20.1	15.6	11.1	4	1.1	4.4	-1.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	1.2	0.3
16	20	19.5	15.6	9.9	2.4	4.9	-5.7	-3.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0.6	-5.6
17	20.1	17.7	16.7	10.6	6.2	3.2	-6	-0.2
17.7	20.1	19.8	15.6	11.1	2.8	4	3.2	2.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.9	4.2

18.7	19.8	20.9	13.6	11	6	1.7	2	6.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-7.7	-3.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-6.3	-9.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-14	-11.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.2	-8.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-6.7	-12.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-10	-1.9
17.6	21.3	19	16.1	13.2	5	2	-8.3	-6.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-9.6	-6.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-6.1	-8.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-8	-9.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.8	-6.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-8.1	-3.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-5.4	-6.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-4.2	-3.6
17.3	20.7	21	18.4	9.1	4	2.5	-3.9	-5.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-8.5	-5.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-6.3	-4.8
17.4	18	17.4	14.2	10.1	4.8	2.3	-6.9	-8.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-9.8	-7.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-8.7	-4.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-8.7	-7.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.8	-6.8
18.9	23.3	20.1	15.6	11.1	4	1.1	-4.3	-9.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-7.6	-8.4
16	20	19.5	15.6	9.9	2.4	4.9	-11.5	-12.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-8.3	-12.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-11.3	-5.1
17.7	20.1	19.8	15.6	11.1	2.8	4	-3.7	-6.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.7	-2.4
18.7	19.8	20.9	13.6	11	6	1.7	-3.9	-2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4	0.9
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.3	-3.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.4	-7.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-3.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.1	-5.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.5	3.7
17.6	21.3	19	16.1	13.2	5	2	-3.6	-0.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.9	-1.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.9	-3.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.6	-3.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.1	-0.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.4	0.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.6	-0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.2	2.1
17.3	20.7	21	18.4	9.1	4	2.5	1.4	-1.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.9	-1.6
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.5	-0.3
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.9	-4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.5	-2.3

17.5	17.1	18.9	14.4	9.6	4	1.6	-6	-0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.9	-2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-3.1
18.9	23.3	20.1	15.6	11.1	4	1.1	1.5	-4.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.1	-2.6
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-6.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.7	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.5	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	0.5	-0.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.9	1.5
18.7	19.8	20.9	13.6	11	6	1.7	-1	2.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.4	0.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2	-3.7
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.1	-5.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-6	2.8
17.6	21.3	19	16.1	13.2	5	2	-3.2	-0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5	-1.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.8	-4.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-5.7	-3.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4	-2.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.7	-1.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.5	-2.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.3	0.1
17.3	20.7	21	18.4	9.1	4	2.5	0.5	-1.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2	-2.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.8	0
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.1	-4.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.2	-3.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.8	-0.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.9	-3.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-6	-3.6
18.9	23.3	20.1	15.6	11.1	4	1.1	0.1	-4.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.8	-3.5
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-6.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3	-9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.6	-3.4
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.4	-1.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.7	0.1
18.7	19.8	20.9	13.6	11	6	1.7	-2.1	2.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.3	0.6
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.9	-3.9
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.2	-4.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.7	-7.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.7	3.1
17.6	21.3	19	16.1	13.2	5	2	-4.8	-1.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.5	-1.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.7	-4.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-5.3	-5.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.6	-1.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.5	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.1	-2.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.8	1.1
17.3	20.7	21	18.4	9.1	4	2.5	1.5	-2.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.1	-2.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3	-0.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.7	-4.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.9	-3.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.6	-1.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.2	-3.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.3	-4.1
18.9	23.3	20.1	15.6	11.1	4	1.1	0.2	-4.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.1	-3.5
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-7.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.6	-9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-2.7
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.4	-1.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.8	0.6
18.7	19.8	20.9	13.6	11	6	1.7	-2	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.9	0.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.5	-3.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-3.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.9	-6
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.5	2.8
17.6	21.3	19	16.1	13.2	5	2	-4.3	-1.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.3	-1.3
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.4	-3.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.7	-4.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	-1.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.4	1.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.7	-1.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.7	2
17.3	20.7	21	18.4	9.1	4	2.5	0.9	-1.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3	-2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.3	-0.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-2	-3.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.2	-2.2
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.7	-0.6
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.5	-2.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-3.3
18.9	23.3	20.1	15.6	11.1	4	1.1	0.8	-3.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.8	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-8.4	-7.1
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.2	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-1.9
17.7	20.1	19.8	15.6	11.1	2.8	4	0.3	-0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.7	0.9

18.7	19.8	20.9	13.6	11	6	1.7	-1.4	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.9	2.6
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.2	-1.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.5	-6.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.6	-2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.3	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	3.4
17.6	21.3	19	16.1	13.2	5	2	-1.8	1.6
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.8	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.1	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.7	-1.8
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.4	0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.6	0.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.4	0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.7	2.4
17.3	20.7	21	18.4	9.1	4	2.5	2.5	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.2	-0.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.9	1.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.6	-3.3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.9	-1.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.5	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.9	-1.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.8	-1.9
18.9	23.3	20.1	15.6	11.1	4	1.1	2.7	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.8	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.7	-5.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.9	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.6	1.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.2	2.6
18.7	19.8	20.9	13.6	11	6	1.7	0.2	4.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2	2.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.4	-5.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.4	-3.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.2
17.6	21.3	19	16.1	13.2	5	2	-1.8	1.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.1	0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.3	-1.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.5	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.7	1.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.9	3.4
17.3	20.7	21	18.4	9.1	4	2.5	3	-0.5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.2	-0.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	1.8
17.4	18	17.4	14.2	10.1	4.8	2.3	0.4	-2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-0.7

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	1.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.3	-0.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.2	-0.9
18.9	23.3	20.1	15.6	11.1	4	1.1	3.2	-2.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.1	-0.2
16	20	19.5	15.6	9.9	2.4	4.9	-7	-4.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.9	-6.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.1	-0.8
17.7	20.1	19.8	15.6	11.1	2.8	4	2.6	2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.7	3.2
18.7	19.8	20.9	13.6	11	6	1.7	0.9	4.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.6	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.6	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.9	-0.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.6
17.6	21.3	19	16.1	13.2	5	2	-1.4	1.6
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3	2.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.9	-1.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.5	-2.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.2	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	3.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.5	1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.4	4.1
17.3	20.7	21	18.4	9.1	4	2.5	2.7	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.7	-0.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.3	2
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-1.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	-0.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.3	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.6	-0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-1.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.5	-0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8	-5.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.7	-6.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.4	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	2	2.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.7	3.4
18.7	19.8	20.9	13.6	11	6	1.7	-0.3	4.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.3	0.9
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.4	-2.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.6	-6.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.1	-2.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.5	-4.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.7	4.8
17.6	21.3	19	16.1	13.2	5	2	-3.3	-0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.2	0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.7	-2.2

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.4	-3.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.3	-0.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.2	2.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0	3.1
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-1.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.8	-1.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.2	-2.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-1.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.9	-0.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.4	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.7
18.9	23.3	20.1	15.6	11.1	4	1.1	2.1	-3.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.7	-2
16	20	19.5	15.6	9.9	2.4	4.9	-8.3	-6.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2	-7.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.4	-1.4
17.7	20.1	19.8	15.6	11.1	2.8	4	1.1	1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.3	2.1
18.7	19.8	20.9	13.6	11	6	1.7	-1.5	3.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	2.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.1	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.1	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.3	-0.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	5.5
17.6	21.3	19	16.1	13.2	5	2	-1.6	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.2	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	1.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.2	3.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.8	4.8
17.3	20.7	21	18.4	9.1	4	2.5	3	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0	-0.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.2	2.6
17.4	18	17.4	14.2	10.1	4.8	2.3	0.5	-1.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-0.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.2	0.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.8	-1
18.9	23.3	20.1	15.6	11.1	4	1.1	3.7	-1.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.7	0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.1	-6.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8	-0.4
17.7	20.1	19.8	15.6	11.1	2.8	4	2.8	2.8
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.2	4.2

18.7	19.8	20.9	13.6	11	6	1.7	0.5	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.4	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.2	-1.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.4	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-1.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.3	3.8
17.6	21.3	19	16.1	13.2	5	2	-1.7	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.7	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-2.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-4	-1.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-5.5	-0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	-0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2	-0.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.5	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.8	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-3.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.7	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.2	-1.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-3.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.7	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.8	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.2	1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.4	2.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	2.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.1	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.1	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.3	-0.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	5.5
17.6	21.3	19	16.1	13.2	5	2	-1.6	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.2	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	1.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.2	3.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.8	4.8
17.3	20.7	21	18.4	9.1	4	2.5	3	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0	-0.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.2	2.6
17.4	18	17.4	14.2	10.1	4.8	2.3	0.5	-1.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-0.3

17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.2	0.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.8	-1
18.9	23.3	20.1	15.6	11.1	4	1.1	3.7	-1.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.7	0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.1	-6.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8	-0.4
17.7	20.1	19.8	15.6	11.1	2.8	4	2.8	2.8
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.2	4.2
18.7	19.8	20.9	13.6	11	6	1.7	0.5	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.4	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.2	-1.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.4	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-1.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.3	3.8
17.6	21.3	19	16.1	13.2	5	2	-1.7	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.7	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-2.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-4	-1.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-5.5	-0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	-0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2	-0.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.5	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.8	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-3.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.7	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.2	-1.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-3.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.7	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.8	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.2	1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.4	2.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.4	-0.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.2	-4.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-7.8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.9	-4.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.8	-6.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.2	2.6
17.6	21.3	19	16.1	13.2	5	2	-4.6	-1.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.6	-2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.9	-4.5

19	19.7	18.7	14.9	10.1	7.3	2.2	-5.7	-4.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.3	-2.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.7	-0.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.7	-2.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.3	0.7
17.3	20.7	21	18.4	9.1	4	2.5	0.2	-2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.3	-2.6
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.3	-0.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.2	-4.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7	-3.2
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.5	-1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.2	-3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-3.9
18.9	23.3	20.1	15.6	11.1	4	1.1	0.3	-5.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3	-3.7
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-7.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.7	-9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9	-2.8
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.5	-1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.6	0.3
18.7	19.8	20.9	13.6	11	6	1.7	-1.7	2.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.6	1.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.7	-1.7
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.6	-7.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.3	-1.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0	-4.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.5
17.6	21.3	19	16.1	13.2	5	2	-2.1	1.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	-0.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.4	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.8	-0.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.4	1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.8	0.2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.1	2.3
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.3	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.4	0.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.6	-3.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.1	-1.2
17.5	17.1	18.9	14.4	9.6	4	1.6	-5	1.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.6	-1
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.3	-1.9
18.9	23.3	20.1	15.6	11.1	4	1.1	2.6	-3.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.2	-1.8
16	20	19.5	15.6	9.9	2.4	4.9	-7.9	-5.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.1	-7.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.6	-2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.2	1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.3	2.5

18.7	19.8	20.9	13.6	11	6	1.7	-0.6	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.6	1.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.4	-2.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-1.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.2	-5.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.3	4.5
17.6	21.3	19	16.1	13.2	5	2	-2.6	0.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.9	-2.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.1	0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.3	3
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.8	0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	3.6
17.3	20.7	21	18.4	9.1	4	2.5	3	-1.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.8	-1.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.2	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.3	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.7	-1.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.4	0.4
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.8	-1.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.9	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	2.4	-2.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.3	-1.3
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-6.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.4	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-0.5
17.7	20.1	19.8	15.6	11.1	2.8	4	2.7	1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	2.8
18.7	19.8	20.9	13.6	11	6	1.7	0.2	4.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.4	1.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.2	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.6	-7.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-2.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.7	-4.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-6	3.8
17.6	21.3	19	16.1	13.2	5	2	-3.1	-0.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.5	-0.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-3.1
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-2.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	0.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.1	1.3
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.3	0
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.1	2.7
17.3	20.7	21	18.4	9.1	4	2.5	1.2	-1.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.4	-1.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.4	-0.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.8	-3.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.5	-2.4

17.5	17.1	18.9	14.4	9.6	4	1.6	-5.5	0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.2	-1.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.2	-2.9
18.9	23.3	20.1	15.6	11.1	4	1.1	2.1	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.3	-1.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.6	-6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.2	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.4	-1.6
17.7	20.1	19.8	15.6	11.1	2.8	4	0.4	0.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	2.4
18.7	19.8	20.9	13.6	11	6	1.7	-1.2	2
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.6	2.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-0.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.5	-5.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.3	0.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-2.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.3	5.3
17.6	21.3	19	16.1	13.2	5	2	-1.5	1.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.1	2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-1.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.6	-1.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.9	2.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.5	1.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.4	4.2
17.3	20.7	21	18.4	9.1	4	2.5	2.3	0.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.3	-0.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.3	2.1
17.4	18	17.4	14.2	10.1	4.8	2.3	0.1	-1.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	0
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.9	1.4
18.8	18.6	19.1	15.7	10.2	6	-0.8	-2.9	0.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.9	-1.1
18.9	23.3	20.1	15.6	11.1	4	1.1	3.5	-1.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.1	0.1
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-4.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.6	-5.6
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.7	-0.3
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.2	4.1
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	4.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-5.2	1.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.8	-1.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.5	-8.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-2.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.9	-5
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.2	3.8
17.6	21.3	19	16.1	13.2	5	2	-2.2	-0.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.2	-0.4
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-3

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.9	-2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.8	-1.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.1	0
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.1	-0.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.5	1.4
17.3	20.7	21	18.4	9.1	4	2.5	1.2	-1.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.4	-1.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.2	0.8
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.5	-4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.3	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.2	0
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.3	-2.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-2.7
18.9	23.3	20.1	15.6	11.1	4	1.1	2.1	-4.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.5	-2.5
16	20	19.5	15.6	9.9	2.4	4.9	-7.9	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.1	-8.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.1	-2.4
17.7	20.1	19.8	15.6	11.1	2.8	4	0.3	0.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1	1.7
18.7	19.8	20.9	13.6	11	6	1.7	-1.6	2.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-3	3.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.9	0
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.5	-6.3
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.8	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.1	-1.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.2	3.4
17.6	21.3	19	16.1	13.2	5	2	-0.6	2.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-1.7	0.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.4	-2.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-5.1	1.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-3	0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.2	2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.1	3.2
17.3	20.7	21	18.4	9.1	4	2.5	3.8	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	1.4	0.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.1	1.9
17.4	18	17.4	14.2	10.1	4.8	2.3	0.8	-2.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.3	-1.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	2.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-2.3	0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5	-0.7
18.9	23.3	20.1	15.6	11.1	4	1.1	4.6	-2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.8	-0.2
16	20	19.5	15.6	9.9	2.4	4.9	-6.3	-3.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.2	-6.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-6	-1.2
17.7	20.1	19.8	15.6	11.1	2.8	4	2.4	2.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.8	3.6

18.7	19.8	20.9	13.6	11	6	1.7	1.3	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.8	1.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.8	-3.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-7.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.1	-3.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.9	-5.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.8	2.4
17.6	21.3	19	16.1	13.2	5	2	-3	-0.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.4	-2.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-5.2
19	19.7	18.7	14.9	10.1	7.3	2.2	-5.8	-3.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	-1.9
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.6	-1.3
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.7	-2.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.1	0
17.3	20.7	21	18.4	9.1	4	2.5	1	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2	-2.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.7	-0.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.8	-4.3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.9	-3.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.6	-0.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.8	-3.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.1	-3
18.9	23.3	20.1	15.6	11.1	4	1.1	0.7	-4.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.5	-3.3
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-6.1
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.7	-8.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.7	-2.9
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.1	-1.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	0.1
18.7	19.8	20.9	13.6	11	6	1.7	-1.2	2.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	1.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.8	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-1.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.5	-5.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.5	5
17.6	21.3	19	16.1	13.2	5	2	-3.2	-0.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.6	1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.8	-1.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.3	-2.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.6	0.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.2	3.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	0.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	4.1
17.3	20.7	21	18.4	9.1	4	2.5	2.4	-0.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.1	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.5	-1.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	-0.5

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.3	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-2.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.3	-2.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.1	-1.2
16	20	19.5	15.6	9.9	2.4	4.9	-7.8	-6.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.9	-5.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.3	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.2	2.4
18.7	19.8	20.9	13.6	11	6	1.7	-0.7	3.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-4	-0.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.3	-5.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.3	-7.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.2	-5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.4	-7.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-7	1.2
17.6	21.3	19	16.1	13.2	5	2	-5.2	-2.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6	-2.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.5	-5
19	19.7	18.7	14.9	10.1	7.3	2.2	-6	-6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.5	-3.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.8	-1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.9	-3.2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.5	-0.3
17.3	20.7	21	18.4	9.1	4	2.5	-0.5	-1.5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.6	-2.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.7	-1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.8	-5.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.8	-3.7
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.9	-1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.5	-3.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.6	-3.7
18.9	23.3	20.1	15.6	11.1	4	1.1	-1.1	-5.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-4.1	-4.2
16	20	19.5	15.6	9.9	2.4	4.9	-8.4	-7.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.8	-8.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.6	-3.3
17.7	20.1	19.8	15.6	11.1	2.8	4	-1.2	-2.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1	-0.7
18.7	19.8	20.9	13.6	11	6	1.7	-1.7	1.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.4	-1.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.3	-4.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-5	4.8
17.6	21.3	19	16.1	13.2	5	2	-2.6	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	1.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.8	-1.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-3	-2.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.3	0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.2	2.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.9	0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.3	3.9
17.3	20.7	21	18.4	9.1	4	2.5	3.1	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.4	-1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.5	2.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.1	-1.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	-1.8
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.7	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.6	-2.3
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.2	-0.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.9	-6.1
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.9	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	2.1	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	3.2
18.7	19.8	20.9	13.6	11	6	1.7	0	4.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-1.9	3.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.7	-0.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.2	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.2	-0.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.3	-2.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.1
17.6	21.3	19	16.1	13.2	5	2	-1.1	2.7
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2	1.3
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.6	-1.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.8	-0.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.8	1.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.4	1.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.5	2.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.5	3.4
17.3	20.7	21	18.4	9.1	4	2.5	3.7	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	1.1	0.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	2.2
17.4	18	17.4	14.2	10.1	4.8	2.3	1.2	-1.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.2	-0.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.4	2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-2.7	0.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.2	-1
18.9	23.3	20.1	15.6	11.1	4	1.1	4	-2.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.7	0
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-3.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.4	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	2.8	2.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.5	4

18.7	19.8	20.9	13.6	11	6	1.7	1.6	5.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.5	1.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.2	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.3	-7.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.4	-2.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.8	-5.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.6	2.2
17.6	21.3	19	16.1	13.2	5	2	-2.7	0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.9	-0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-5	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.5	0
18.1	20.6	18.6	12.8	7.8	5.9	1	-5	1.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.8	-0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.7	1.9
17.3	20.7	21	18.4	9.1	4	2.5	2.2	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2.1	-2.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.6	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.5	-3.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.6	-3.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.6	0
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-2.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.4	-2.3
18.9	23.3	20.1	15.6	11.1	4	1.1	2.1	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.9	-2
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-5.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.9	-9.8
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.5	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	0.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.2	2.3
18.7	19.8	20.9	13.6	11	6	1.7	0.3	3.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	2.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.1	-1.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.2	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.1	-1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.1	-3.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.3
17.6	21.3	19	16.1	13.2	5	2	-2.2	0.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-2.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.9	2.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.1	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	3.6
17.3	20.7	21	18.4	9.1	4	2.5	2	-0.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.3	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.5	1.3
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.4	-2.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5	-0.9

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-0.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-1.6
18.9	23.3	20.1	15.6	11.1	4	1.1	3	-2.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.8	-0.6
16	20	19.5	15.6	9.9	2.4	4.9	-8	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.9	-6.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.2	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	1.6	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.1	3.7
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	4.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.4	0.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.6	-3.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.6	-3.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.3	-5.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.4	3.2
17.6	21.3	19	16.1	13.2	5	2	-4	-0.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5	-1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.3	-4
19	19.7	18.7	14.9	10.1	7.3	2.2	-5	-4.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.8	-0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.9	0.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.8	-1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.7	1.9
17.3	20.7	21	18.4	9.1	4	2.5	0.8	-1.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2.2	-2.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.8	-0.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.6	-4.3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.6	-2.8
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.1	-0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.8	-2
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.6	-3.8
18.9	23.3	20.1	15.6	11.1	4	1.1	1.2	-4.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.7	-2.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-6.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.1	-8.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.5	-2.6
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.1	-0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.4	1.1
18.7	19.8	20.9	13.6	11	6	1.7	-1.6	1.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.5	2.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-0.9
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.7	-7.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.5	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.4	5
17.6	21.3	19	16.1	13.2	5	2	-1.1	1.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.1	0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-1.8

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-0.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.4	0.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.2	1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	0.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.9	2.9
17.3	20.7	21	18.4	9.1	4	2.5	3	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.9	-0.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1	2.2
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-2.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	0
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	1.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-0.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.2	-1.4
18.9	23.3	20.1	15.6	11.1	4	1.1	3.4	-2.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.5	-0.8
16	20	19.5	15.6	9.9	2.4	4.9	-6.6	-4.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0.2	-6.7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.3	-1.6
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.8
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.2	3.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	4.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.8	2.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-1.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.4	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.6	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.1	-4.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5	4.8
17.6	21.3	19	16.1	13.2	5	2	-2.2	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.2	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.7	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.9	-2.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.6	-0.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.8	0.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.1	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2.4	-1.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.9	-0.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.9	1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.9	-3.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.4	-1.5
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.8	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.8	-1.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	2.5	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-2
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.4	-7.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.7	-1.5
17.7	20.1	19.8	15.6	11.1	2.8	4	1.5	0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.1	2.3

18.7	19.8	20.9	13.6	11	6	1.7	0.2	4.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-5.5	-1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.8	-5.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-11.8	-8.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7	-5.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.6	-7.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-8.4	1.2
17.6	21.3	19	16.1	13.2	5	2	-5.7	-2.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6.2	-2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5.8	-4.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-6.1	-5.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	-2.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-6	-0.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.2	-2.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.8	0.6
17.3	20.7	21	18.4	9.1	4	2.5	-0.2	-2.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.6	-3.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.6	-1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.4	-4.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.5	-4.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-7.2	-1.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.7	-3.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.3	-4.3
18.9	23.3	20.1	15.6	11.1	4	1.1	-0.7	-5.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.6	-4.1
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-8.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.4	-9.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-10.7	-2.9
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.8	-1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.5	0
18.7	19.8	20.9	13.6	11	6	1.7	-2.5	2
18.5	17.9	18	17.4	11.7	4.5	0.1	-5.7	-1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.9	-5.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.6	-7.8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-5.2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3	-7.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-8.2	0.6
17.6	21.3	19	16.1	13.2	5	2	-5.6	-2.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6.2	-2.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5.2	-5.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-6.4	-5.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.4	-2.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-6.1	-0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.7	-2.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.6	-0.5
17.3	20.7	21	18.4	9.1	4	2.5	-0.5	-3.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.6	-3.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-4	-2.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.1	-5.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.6	-4.5

17.5	17.1	18.9	14.4	9.6	4	1.6	-7.1	-2.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.6	-3.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-7.2	-4.9
18.9	23.3	20.1	15.6	11.1	4	1.1	-0.6	-6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-4.2	-4.3
16	20	19.5	15.6	9.9	2.4	4.9	-9.1	-8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.4	-9.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.7	-4.5
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.9	-2.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.6	-0.8
18.7	19.8	20.9	13.6	11	6	1.7	-2.2	0.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.4	3.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.4	-0.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.9	-6.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-0.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1	-2.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	3.4
17.6	21.3	19	16.1	13.2	5	2	-1	2.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.6	0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.6	-2.2
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-1.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-5.3	1.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.8	1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.1	2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.2	3
17.3	20.7	21	18.4	9.1	4	2.5	3.4	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.7	0.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	1	-2.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.8	-1.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.7	1.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.4	0.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-1.3
18.9	23.3	20.1	15.6	11.1	4	1.1	3.7	-2.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.5	-0.2
16	20	19.5	15.6	9.9	2.4	4.9	-7	-3.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.1	-6.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.8	-1.3
17.7	20.1	19.8	15.6	11.1	2.8	4	2.2	2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.3	3.6
18.7	19.8	20.9	13.6	11	6	1.7	1	3.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.3	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.5	-1.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.2	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.4	-1.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.4	3
17.6	21.3	19	16.1	13.2	5	2	-2	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.6	0.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-2.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-2.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-3	2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1	0.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	2.4
17.3	20.7	21	18.4	9.1	4	2.5	2.6	-1.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.4	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-3.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.2	-2.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.4	0.7
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-3.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.5	-1.2
16	20	19.5	15.6	9.9	2.4	4.9	-7.2	-4.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.5	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.3	-1.8
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.4	2.9
18.7	19.8	20.9	13.6	11	6	1.7	0.3	3.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.4	2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.3
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7	-1.2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-4
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.8	4.5
17.6	21.3	19	16.1	13.2	5	2	-2.3	0.7
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.9	1.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.8	-2.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	1.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.5	3.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	0.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.6	3.9
17.3	20.7	21	18.4	9.1	4	2.5	2.8	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.6	2.2
17.4	18	17.4	14.2	10.1	4.8	2.3	0.2	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-0.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	0.6
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-0.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.8	-1.7
18.9	23.3	20.1	15.6	11.1	4	1.1	2.7	-2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.2	-0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8.6	-5.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.9	-1.4
17.7	20.1	19.8	15.6	11.1	2.8	4	2.1	2.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.7	3.4

18.7	19.8	20.9	13.6	11	6	1.7	-0.3	4.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.1	3.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.5	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.8	-1.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.1	-3.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4	4.7
17.6	21.3	19	16.1	13.2	5	2	-0.9	2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.2	0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.3	-2.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.9	-1.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.6	0.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.3	0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	0.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.3	2.9
17.3	20.7	21	18.4	9.1	4	2.5	3.2	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.6	-0.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1.7
17.4	18	17.4	14.2	10.1	4.8	2.3	0.1	-2.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.4	-0.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	2.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.7	-0.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-6	-1.3
18.9	23.3	20.1	15.6	11.1	4	1.1	3.5	-3.3
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.2	-1.5
16	20	19.5	15.6	9.9	2.4	4.9	-7.3	-5.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0.1	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.7	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	2.3	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.8	3.2
18.7	19.8	20.9	13.6	11	6	1.7	0.9	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.2	2.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.1	-1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-5.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.2	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.2
17.6	21.3	19	16.1	13.2	5	2	-2.1	1.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	0.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.4	-1.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.7	2.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.8	3.6
17.3	20.7	21	18.4	9.1	4	2.5	2.6	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.6	-0.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.8	1.7
17.4	18	17.4	14.2	10.1	4.8	2.3	0.1	-1.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-1

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.4
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.6	-0.8
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.9	-1.6
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-2.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.1	-0.4
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-6.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.9	-0.7
17.7	20.1	19.8	15.6	11.1	2.8	4	2.2	1.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	3.3
18.7	19.8	20.9	13.6	11	6	1.7	0.7	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-4	2.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-7.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.4	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-4.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.1	4.6
17.6	21.3	19	16.1	13.2	5	2	-1.6	0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.4	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.2	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-4	-1.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	-0.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.6	-0.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.6	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.1	1.4
17.3	20.7	21	18.4	9.1	4	2.5	2.1	-1.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.1	-1.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.9	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.3	-3.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.7	-1.5
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-3.1
18.9	23.3	20.1	15.6	11.1	4	1.1	3	-3.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.8	-8.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.2	-2.8
17.7	20.1	19.8	15.6	11.1	2.8	4	1	0.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	2.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.9	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.9	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.4	-3.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	3.8
17.6	21.3	19	16.1	13.2	5	2	-1.6	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3	-0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.1	-3.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-4.3	-2.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4	-0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.7	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.8	-0.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.2	1.8
17.3	20.7	21	18.4	9.1	4	2.5	2.1	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.2	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.5	1.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-1	-3.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.1	-2.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.4	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.3	-1.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.9	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	2.3	-3.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.9	-2.2
16	20	19.5	15.6	9.9	2.4	4.9	-6.8	-5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.3	-2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.1	0.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.1	1.6
18.7	19.8	20.9	13.6	11	6	1.7	-0.4	3.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-2	2.9
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.2	-0.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8	-6.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.7	-3.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.1	4.8
17.6	21.3	19	16.1	13.2	5	2	-1.4	2.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.5	0.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2	-1.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3	-1.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4	1.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.9	1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	2.3	3.6
17.3	20.7	21	18.4	9.1	4	2.5	3.4	-1.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.5	0
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.8	1.8
17.4	18	17.4	14.2	10.1	4.8	2.3	0.7	-1.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.3	-0.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.2	1.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3	-0.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-1.3
18.9	23.3	20.1	15.6	11.1	4	1.1	3.6	-2.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.5	-0.3
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-4.9
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.4	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.9	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	2.5	2.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1	3.8

18.7	19.8	20.9	13.6	11	6	1.7	1.2	5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.6	0
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.1	-5.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-11.3	-8.3
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.4	-3.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3	-8.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.3	1.6
17.6	21.3	19	16.1	13.2	5	2	-4.1	-2.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-6.2	-2.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.2	-5.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.4	-5.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.2	-4.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.6	0
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.9	-4.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.2	-1
17.3	20.7	21	18.4	9.1	4	2.5	0	-2.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-4.2	-2.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.6	-1.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.9	-4.8
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.3	-4.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.7	-1.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-6.3	-5.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-3.5	-4.5
18.9	23.3	20.1	15.6	11.1	4	1.1	-1.2	-6.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-4.1	-5.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.5	-7.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-5.1	-11.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.7	-2.7
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.2	-3.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.1	0.3
18.7	19.8	20.9	13.6	11	6	1.7	-1.2	1.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.2	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.5	-7.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-1.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.4	-4.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.1	4.2
17.6	21.3	19	16.1	13.2	5	2	-2.4	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.9	1.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-1.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.1	-2.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.1	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.2	1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	3.6
17.3	20.7	21	18.4	9.1	4	2.5	2.1	-0.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.4	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.2	-2.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-2.3

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.2	-1.8
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-2.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.6	-0.7
16	20	19.5	15.6	9.9	2.4	4.9	-9.2	-5.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.2	-1.4
17.7	20.1	19.8	15.6	11.1	2.8	4	1.6	1.9
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	3.6
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.8	1.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.4	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.9	-7.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-2.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-5.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.4	4
17.6	21.3	19	16.1	13.2	5	2	-2.7	0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.1	-0.4
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.9	-2.9
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-2.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.3	-0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.8	0.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	-0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.8	2.1
17.3	20.7	21	18.4	9.1	4	2.5	1.6	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.7	-1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.4	0.2
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.1	-3.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.1	1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.6	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2	-3.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.2	-1.6
16	20	19.5	15.6	9.9	2.4	4.9	-7.7	-5.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.4	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-7	-1.7
17.7	20.1	19.8	15.6	11.1	2.8	4	1.2	0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	2.5
18.7	19.8	20.9	13.6	11	6	1.7	-0.6	3.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.4	3.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.1	-7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.6	-1.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.6	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.4	5.1
17.6	21.3	19	16.1	13.2	5	2	-1.1	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.4	0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-2.2

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.3	-1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.9	-0.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.7	0.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	0.2
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.6	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2.5	-0.5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.7	-0.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.6	2
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.3	-2.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-0.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.9	1.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-1.6
18.9	23.3	20.1	15.6	11.1	4	1.1	3	-3.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.4	-1.8
16	20	19.5	15.6	9.9	2.4	4.9	-6.7	-4.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.4	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.4	-1.8
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	1.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	2.5
18.7	19.8	20.9	13.6	11	6	1.7	0.1	4.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.1	1.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.3	-3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-7.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.3	-3.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.6	-5.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.9	3.9
17.6	21.3	19	16.1	13.2	5	2	-3.3	-0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.3	-0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.8	-3.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.6	-3.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.6	-0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.9	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.6	-0.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.4	1.7
17.3	20.7	21	18.4	9.1	4	2.5	1.1	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.5	-1.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.8	-0.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.1	-4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.3	-2.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.8	0.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-3.2
18.9	23.3	20.1	15.6	11.1	4	1.1	1.6	-4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.8	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.7	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.4	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	0.3	-0.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.2	1.4

18.7	19.8	20.9	13.6	11	6	1.7	-1.3	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.5	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.5	-6.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-2.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.2	-3.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.6	3.4
17.6	21.3	19	16.1	13.2	5	2	-1.8	0.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	-0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.3	-3.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.1	-2.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.5	-0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.1	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.9	-0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	1.9
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-0.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.3	-1.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.8	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1	-3.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.9	-2.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.8	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.3	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.2	-3.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.4	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.5	-7.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.3	-2.3
17.7	20.1	19.8	15.6	11.1	2.8	4	0.9	0.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0	2
18.7	19.8	20.9	13.6	11	6	1.7	-0.4	3.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.6	2.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1	-1.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.9	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-1.2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.9	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-5	5
17.6	21.3	19	16.1	13.2	5	2	-2	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.4	0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-2.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.4	-2.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.4	1.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	1.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.8	3.3
17.3	20.7	21	18.4	9.1	4	2.5	2.2	-0.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.1	-1.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.6	1.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.6	-2.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-1.1

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3	-0.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5	-2
18.9	23.3	20.1	15.6	11.1	4	1.1	3.3	-2.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.6	-1
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-4.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.3	-6.7
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.6	-1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.5	1.3
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.1	3.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.7	3.9
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.8	1.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.2	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-7.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-3.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1	-4.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.9	2.8
17.6	21.3	19	16.1	13.2	5	2	-2.9	-0.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.1	-1.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-4.1
19	19.7	18.7	14.9	10.1	7.3	2.2	-5.2	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.9	-1.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.9	-1.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.7	-1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.2	0.9
17.3	20.7	21	18.4	9.1	4	2.5	1.5	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.5	-1.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.2	0.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.8	-4.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.7	-2.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.3	0.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.5	-2.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.9
18.9	23.3	20.1	15.6	11.1	4	1.1	1.4	-4.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.5	-2.8
16	20	19.5	15.6	9.9	2.4	4.9	-7.5	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.2	-8.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.8	-2.8
17.7	20.1	19.8	15.6	11.1	2.8	4	0.5	-0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	1
18.7	19.8	20.9	13.6	11	6	1.7	-0.8	3
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	1.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1	-2.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.9	-6.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.6	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.5	-4.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.1	2.5
17.6	21.3	19	16.1	13.2	5	2	-2.6	0.6
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	-0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.9	-2.9

19	19.7	18.7	14.9	10.1	7.3	2.2	-4.5	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-1.8	0.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	1.8
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.1	0
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.3	2.2
17.3	20.7	21	18.4	9.1	4	2.5	2.5	-0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.4	-0.9
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-2.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.6	-2.5
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.9	0.6
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.3	-1.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.1	-1.8
18.9	23.3	20.1	15.6	11.1	4	1.1	2.4	-3.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1	-1.8
16	20	19.5	15.6	9.9	2.4	4.9	-6.9	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.7	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.9	-1.7
17.7	20.1	19.8	15.6	11.1	2.8	4	1.8	0.6
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	2.2
18.7	19.8	20.9	13.6	11	6	1.7	0.6	4.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-6.8	-2.5
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-5.5	-8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-13	-9.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.9	-7.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-5.7	-11.4
19.2	18.5	17.7	15	13.5	4.1	3.4	-9.3	-0.7
17.6	21.3	19	16.1	13.2	5	2	-7.8	-5.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-8.8	-4.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5.4	-6.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-7.2	-8.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.8	-6.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-6.5	-2.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-4.8	-5.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-3.9	-2.4
17.3	20.7	21	18.4	9.1	4	2.5	-3	-5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-7.6	-4.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-5.2	-3.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-5.7	-7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-8.2	-5.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-7.9	-3.7
18.8	18.6	19.1	15.7	10.2	6	-0.8	-8	-6.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-6	-5.8
18.9	23.3	20.1	15.6	11.1	4	1.1	-3.4	-8.4
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-6.4	-6.6
16	20	19.5	15.6	9.9	2.4	4.9	-10.2	-12.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-7.1	-10.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-11	-4.5
17.7	20.1	19.8	15.6	11.1	2.8	4	-2.6	-5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.5	-1.4

18.7	19.8	20.9	13.6	11	6	1.7	-3	-0.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-3	1.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.8	-2.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.4	-6.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-3.6	-2.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1	-5.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.6	2.9
17.6	21.3	19	16.1	13.2	5	2	-2.8	0
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	-0.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.4	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.4	-3.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-1	-0.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.6	1.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.3	0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.6	2.2
17.3	20.7	21	18.4	9.1	4	2.5	2.6	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2.1	-1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.1	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.1	-2.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.2	-2.7
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3	-1.6
19.4	21.4	20	17.8	11.2	6.1	3.5	-2.6	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.3	-3.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.1	-2.1
16	20	19.5	15.6	9.9	2.4	4.9	-6.6	-6.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.1	-8.8
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.2	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	1.9	0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.3	2.7
18.7	19.8	20.9	13.6	11	6	1.7	1.3	4.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-5	0
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.9	-4.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-7.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.8	-6.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-7	1.5
17.6	21.3	19	16.1	13.2	5	2	-4.2	-1.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.1	-2.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.3	-5.6
19	19.7	18.7	14.9	10.1	7.3	2.2	-6.6	-5.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.6	-2.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-6.6	-2.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.3	-2.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.1	-0.8
17.3	20.7	21	18.4	9.1	4	2.5	0.1	-1.6
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.5	-3.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.7	-0.8
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.5	-5.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.6	-3.9

17.5	17.1	18.9	14.4	9.6	4	1.6	-6.7	-1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.6	-3.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-4.2
18.9	23.3	20.1	15.6	11.1	4	1.1	-0.1	-5.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.6	-4.4
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-7.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-4.2	-9.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.8	-3.8
17.7	20.1	19.8	15.6	11.1	2.8	4	-1.1	-2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.1	-0.2
18.7	19.8	20.9	13.6	11	6	1.7	-1.4	2.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	1.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.4	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.6	-7.6
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-1.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.8	-5.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.2	3.8
17.6	21.3	19	16.1	13.2	5	2	-2.4	1.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.2	1.2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-1.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-2.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.2	0.9
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.7	1.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.2	0.6
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	3.5
17.3	20.7	21	18.4	9.1	4	2.5	3.2	-0.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.9	-1.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.3	1.8
17.4	18	17.4	14.2	10.1	4.8	2.3	0.3	-1.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	-2.2
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.5	-1
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.4	-1.8
18.9	23.3	20.1	15.6	11.1	4	1.1	2.9	-2.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.4	-1
16	20	19.5	15.6	9.9	2.4	4.9	-8.6	-6.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.1	-8.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-0.8
17.7	20.1	19.8	15.6	11.1	2.8	4	2.5	2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.1	3.6
18.7	19.8	20.9	13.6	11	6	1.7	0.6	5.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.8	-0.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-3.4	-4.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.4	-7.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.1	-4.3
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.1	-6.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.4	2.7
17.6	21.3	19	16.1	13.2	5	2	-4.6	-1.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.4	-2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-5	-4.3

19	19.7	18.7	14.9	10.1	7.3	2.2	-5.7	-4.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.3	-1.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.7	-0.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.7	-2.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-1.3	0.8
17.3	20.7	21	18.4	9.1	4	2.5	0.3	-2.2
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.4	-2.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3.4	-0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-3	-4.9
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.1	-3.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.7	-1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.3	-2.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.1	-3.9
18.9	23.3	20.1	15.6	11.1	4	1.1	0.4	-4.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.1	-3.5
16	20	19.5	15.6	9.9	2.4	4.9	-8.9	-7.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.6	-9.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.3	-2.6
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.4	-1.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.5	0.6
18.7	19.8	20.9	13.6	11	6	1.7	-2	2.2
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.2	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.7	-1.5
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.9	-6.9
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6	-2.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.2	-4.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.9	4.4
17.6	21.3	19	16.1	13.2	5	2	-1.9	0.7
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	-0.3
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.3	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.8	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.2	-0.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.1	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.2	-0.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1	1.9
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-0.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.2	-1.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.1	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.1	-3.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.1	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.2
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.3	-1.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.3
18.9	23.3	20.1	15.6	11.1	4	1.1	2.2	-3.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.1	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-7.6	-5.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.7
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.2	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.1	0.5
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.3	2

18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.6	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.4	-1.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.2	-5.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.1	-0.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.8	-4.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.4
17.6	21.3	19	16.1	13.2	5	2	-2	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.8	1.7
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-3	-2.2
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.4	1.3
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.7	2.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.7	1.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.7	4
17.3	20.7	21	18.4	9.1	4	2.5	2.5	0
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.7	-0.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	1.7
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.9	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.3	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.7	-0.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-1.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.5	-0.6
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-5.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-6.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.9	-0.9
17.7	20.1	19.8	15.6	11.1	2.8	4	2	2.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.4	3.5
18.7	19.8	20.9	13.6	11	6	1.7	-0.6	4
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	1.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.2	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.8	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-2.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-4.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.5	3.8
17.6	21.3	19	16.1	13.2	5	2	-2.6	0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	-0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.1	-3.1
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.5	-2.8
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	-0.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.2	0.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2	-0.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.8	2.1
17.3	20.7	21	18.4	9.1	4	2.5	1.8	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.2	-1.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.1	0.9
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.2	-3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.5	-1.7

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.7	0.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4	-1.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.7	-2.5
18.9	23.3	20.1	15.6	11.1	4	1.1	1.6	-3.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.5	-2.2
16	20	19.5	15.6	9.9	2.4	4.9	-7.4	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.9	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.4	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	0.9	0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.5	1.7
18.7	19.8	20.9	13.6	11	6	1.7	-0.4	4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.5	2.4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	0.3	-1.7
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.4	-7.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.6	-1.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.3	-5
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	3.4
17.6	21.3	19	16.1	13.2	5	2	-1.6	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.3	1.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-2
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.3	-3.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	0.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.5	1.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.9	0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.7	2.9
17.3	20.7	21	18.4	9.1	4	2.5	3.5	-0.9
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1	-1.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	1.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.3	-2.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	-2.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.1	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-3.6	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	3.2	-2.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.2	-1
16	20	19.5	15.6	9.9	2.4	4.9	-9.3	-6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-9.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.9	-0.7
17.7	20.1	19.8	15.6	11.1	2.8	4	2.6	2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.3	3.5
18.7	19.8	20.9	13.6	11	6	1.7	0.7	5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.1	1.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.4	-2.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.3	-5.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.3	-2.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1	-4.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.2	4
17.6	21.3	19	16.1	13.2	5	2	-2.8	0.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.8	0.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.3	-1.7

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.7	-3.3
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.2	0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.3	2.5
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	-0.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0.6	3.5
17.3	20.7	21	18.4	9.1	4	2.5	2.7	-0.4
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.1	-1.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	0.7
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-2.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.8	-1.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.6	-0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.4	-1.9
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.7	-2.4
18.9	23.3	20.1	15.6	11.1	4	1.1	1.8	-2.3
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.2	-0.8
16	20	19.5	15.6	9.9	2.4	4.9	-8.3	-5.7
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2	-7
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.6	-1.1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.3	2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.8	2.4
18.7	19.8	20.9	13.6	11	6	1.7	-0.2	3.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-1.4	4
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	1.3	0.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-6.9	-5.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-4.2	-0.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	1.7	-2
19.2	18.5	17.7	15	13.5	4.1	3.4	-3.4	5
17.6	21.3	19	16.1	13.2	5	2	-0.4	3.1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-1.5	1.5
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.5	-0.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	1.9
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.2	1.9
16.3	18.1	20.1	15.6	7.3	5.2	5.9	3	3.8
17.3	20.7	21	18.4	9.1	4	2.5	3.9	0.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	1.4	0.8
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.3	2.7
17.4	18	17.4	14.2	10.1	4.8	2.3	1.1	-1.5
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.2	0.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	2.7
18.8	18.6	19.1	15.7	10.2	6	-0.8	-2.1	0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.1	-0.2
18.9	23.3	20.1	15.6	11.1	4	1.1	4.4	-1.5
16.5	18.1	19.1	14.2	11.7	6.1	1.6	1.2	0.3
16	20	19.5	15.6	9.9	2.4	4.9	-5.7	-3.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	0.6	-5.6
17	20.1	17.7	16.7	10.6	6.2	3.2	-6	-0.2
17.7	20.1	19.8	15.6	11.1	2.8	4	3.2	2.7
17.8	20.3	19.7	16.3	11.7	3.3	2.8	1.9	4.2

18.7	19.8	20.9	13.6	11	6	1.7	2	6.1
18.5	17.9	18	17.4	11.7	4.5	0.1	-7.7	-3.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-6.3	-9.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-14	-11.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.2	-8.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-6.7	-12.3
19.2	18.5	17.7	15	13.5	4.1	3.4	-10	-1.9
17.6	21.3	19	16.1	13.2	5	2	-8.3	-6.4
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-9.6	-6.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-6.1	-8.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-8	-9.7
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.8	-6.7
18.1	20.6	18.6	12.8	7.8	5.9	1	-8.1	-3.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-5.4	-6.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-4.2	-3.6
17.3	20.7	21	18.4	9.1	4	2.5	-3.9	-5.7
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-8.5	-5.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-6.3	-4.8
17.4	18	17.4	14.2	10.1	4.8	2.3	-6.9	-8.1
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-9.8	-7.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-8.7	-4.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-8.7	-7.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.8	-6.8
18.9	23.3	20.1	15.6	11.1	4	1.1	-4.3	-9.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-7.6	-8.4
16	20	19.5	15.6	9.9	2.4	4.9	-11.5	-12.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-8.3	-12.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-11.3	-5.1
17.7	20.1	19.8	15.6	11.1	2.8	4	-3.7	-6.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-2.7	-2.4
18.7	19.8	20.9	13.6	11	6	1.7	-3.9	-2
18.5	17.9	18	17.4	11.7	4.5	0.1	-4	0.9
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.3	-3.1
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9.4	-7.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.7	-3.5
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.1	-5.7
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.5	3.7
17.6	21.3	19	16.1	13.2	5	2	-3.6	-0.5
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.9	-1.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.9	-3.5
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.6	-3.6
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.1	-0.6
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.4	0.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.6	-0.8
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.2	2.1
17.3	20.7	21	18.4	9.1	4	2.5	1.4	-1.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.9	-1.6
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.5	-0.3
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.9	-4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.5	-2.3

17.5	17.1	18.9	14.4	9.6	4	1.6	-6	-0.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.9	-2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.9	-3.1
18.9	23.3	20.1	15.6	11.1	4	1.1	1.5	-4.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.1	-2.6
16	20	19.5	15.6	9.9	2.4	4.9	-8.7	-6.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2.7	-8.1
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.5	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	0.5	-0.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.9	1.5
18.7	19.8	20.9	13.6	11	6	1.7	-1	2.7
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.4	0.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2	-3.7
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.9	-4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-2.1	-5.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-6	2.8
17.6	21.3	19	16.1	13.2	5	2	-3.2	-0.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5	-1.9
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.8	-4.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-5.7	-3.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4	-2.5
18.1	20.6	18.6	12.8	7.8	5.9	1	-5.7	-1.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.5	-2.7
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.3	0.1
17.3	20.7	21	18.4	9.1	4	2.5	0.5	-1.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-2	-2.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.8	0
17.4	18	17.4	14.2	10.1	4.8	2.3	-3.1	-4.6
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-7.2	-3.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.8	-0.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.9	-3.5
19.4	21.4	20	17.8	11.2	6.1	3.5	-6	-3.6
18.9	23.3	20.1	15.6	11.1	4	1.1	0.1	-4.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.8	-3.5
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-6.4
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3	-9
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.6	-3.4
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.4	-1.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.7	0.1
18.7	19.8	20.9	13.6	11	6	1.7	-2.1	2.8
18.5	17.9	18	17.4	11.7	4.5	0.1	-4.3	0.6
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.9	-3.9
18.5	21	19.3	16.1	10.4	8.8	-2.5	-10.1	-8
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.2	-4.6
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-3.7	-7.5
19.2	18.5	17.7	15	13.5	4.1	3.4	-7.7	3.1
17.6	21.3	19	16.1	13.2	5	2	-4.8	-1.8
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.5	-1.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.7	-4.4

19	19.7	18.7	14.9	10.1	7.3	2.2	-5.3	-5.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.6	-1.1
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.5	0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-3.1	-2.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.8	1.1
17.3	20.7	21	18.4	9.1	4	2.5	1.5	-2.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3.1	-2.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-3	-0.6
17.4	18	17.4	14.2	10.1	4.8	2.3	-2.7	-4.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.9	-3.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-6.6	-1.3
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.2	-3.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-6.3	-4.1
18.9	23.3	20.1	15.6	11.1	4	1.1	0.2	-4.7
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-3.1	-3.5
16	20	19.5	15.6	9.9	2.4	4.9	-8.8	-7.8
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.6	-9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-2.7
17.7	20.1	19.8	15.6	11.1	2.8	4	-0.4	-1.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.8	0.6
18.7	19.8	20.9	13.6	11	6	1.7	-2	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.9	0.1
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-2.5	-3.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-9	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.8	-3.7
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.9	-6
19.2	18.5	17.7	15	13.5	4.1	3.4	-6.5	2.8
17.6	21.3	19	16.1	13.2	5	2	-4.3	-1.3
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-5.3	-1.3
17.5	20.8	18.5	15.9	10.4	6.9	-4	-4.4	-3.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-4.7	-4.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3	-1.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-4.4	1.2
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2.7	-1.5
16.3	18.1	20.1	15.6	7.3	5.2	5.9	-0.7	2
17.3	20.7	21	18.4	9.1	4	2.5	0.9	-1.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-3	-2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-2.3	-0.5
17.4	18	17.4	14.2	10.1	4.8	2.3	-2	-3.7
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-6.2	-2.2
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.7	-0.6
18.8	18.6	19.1	15.7	10.2	6	-0.8	-5.5	-2.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-3.3
18.9	23.3	20.1	15.6	11.1	4	1.1	0.8	-3.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-2.8	-2.4
16	20	19.5	15.6	9.9	2.4	4.9	-8.4	-7.1
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-3.2	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-9.4	-1.9
17.7	20.1	19.8	15.6	11.1	2.8	4	0.3	-0.4
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.7	0.9

18.7	19.8	20.9	13.6	11	6	1.7	-1.4	2.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.9	2.6
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.2	-1.3
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.5	-6.7
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.6	-2
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.3	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	3.4
17.6	21.3	19	16.1	13.2	5	2	-1.8	1.6
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.8	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.1	-2.8
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.7	-1.8
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-4.4	0.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.6	0.9
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.4	0.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.7	2.4
17.3	20.7	21	18.4	9.1	4	2.5	2.5	-1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.2	-0.4
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.9	1.1
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.6	-3.3
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.9	-1.9
17.5	17.1	18.9	14.4	9.6	4	1.6	-5.5	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.9	-1.1
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.8	-1.9
18.9	23.3	20.1	15.6	11.1	4	1.1	2.7	-3.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.8	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.7	-5.2
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1	-7.9
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.9	-2.1
17.7	20.1	19.8	15.6	11.1	2.8	4	1.6	1.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.2	2.6
18.7	19.8	20.9	13.6	11	6	1.7	0.2	4.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-2	2.7
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.3	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-7.4	-5.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.7	-1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.4	-3.1
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.2
17.6	21.3	19	16.1	13.2	5	2	-1.8	1.9
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.1	0.8
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.3	-1.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-3.2	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-3.5	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	2.6
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.7	1.3
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.9	3.4
17.3	20.7	21	18.4	9.1	4	2.5	3	-0.5
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.2	-0.1
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.9	1.8
17.4	18	17.4	14.2	10.1	4.8	2.3	0.4	-2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-0.7

17.5	17.1	18.9	14.4	9.6	4	1.6	-4.5	1.8
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.3	-0.4
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.2	-0.9
18.9	23.3	20.1	15.6	11.1	4	1.1	3.2	-2.2
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.1	-0.2
16	20	19.5	15.6	9.9	2.4	4.9	-7	-4.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.9	-6.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-7.1	-0.8
17.7	20.1	19.8	15.6	11.1	2.8	4	2.6	2.2
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.7	3.2
18.7	19.8	20.9	13.6	11	6	1.7	0.9	4.5
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.6	2.2
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.6	-1.6
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.6	-6.1
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-6.9	-0.9
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-0.6	-3.6
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.5	4.6
17.6	21.3	19	16.1	13.2	5	2	-1.4	1.6
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3	2.1
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.9	-1.3
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.5	-2.1
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.2	1.4
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.3	3.4
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.5	1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.4	4.1
17.3	20.7	21	18.4	9.1	4	2.5	2.7	-0.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-0.7	-0.5
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.3	2
17.4	18	17.4	14.2	10.1	4.8	2.3	0	-1.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-4.6	-0.6
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.3	0.9
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.6	-0.7
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.3	-1.5
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-1.8
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.5	-0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8	-5.3
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.7	-6.3
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.4	-0.6
17.7	20.1	19.8	15.6	11.1	2.8	4	2	2.1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.7	3.4
18.7	19.8	20.9	13.6	11	6	1.7	-0.3	4.4
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.3	0.9
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-1.4	-2.2
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.6	-6.2
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.1	-2.1
17.8	18.3	17.9	14.8	8.6	2.3	4.4	-1.5	-4.9
19.2	18.5	17.7	15	13.5	4.1	3.4	-5.7	4.8
17.6	21.3	19	16.1	13.2	5	2	-3.3	-0.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-4.2	0.6
17.5	20.8	18.5	15.9	10.4	6.9	-4	-3.7	-2.2

19	19.7	18.7	14.9	10.1	7.3	2.2	-3.4	-3.5
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.3	-0.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.2	2.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-1.5	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	0	3.1
17.3	20.7	21	18.4	9.1	4	2.5	1.9	-1.3
19.4	21.7	18.1	14.5	11.5	6.5	0.3	-1.8	-1.2
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.2	1
17.4	18	17.4	14.2	10.1	4.8	2.3	-1.2	-2.2
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-1.1
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.9	-0.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.4	-1.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.4	-2.7
18.9	23.3	20.1	15.6	11.1	4	1.1	2.1	-3.1
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-1.7	-2
16	20	19.5	15.6	9.9	2.4	4.9	-8.3	-6.5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-2	-7.4
17	20.1	17.7	16.7	10.6	6.2	3.2	-8.4	-1.4
17.7	20.1	19.8	15.6	11.1	2.8	4	1.1	1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-1.3	2.1
18.7	19.8	20.9	13.6	11	6	1.7	-1.5	3.3
18.5	17.9	18	17.4	11.7	4.5	0.1	-2.3	2.8
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.1	-0.8
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.1	-6.4
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-7.3	-0.4
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.2
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.7	5.5
17.6	21.3	19	16.1	13.2	5	2	-1.6	1.2
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-3.7	2
17.5	20.8	18.5	15.9	10.4	6.9	-4	-2.5	-1.4
19	19.7	18.7	14.9	10.1	7.3	2.2	-2.2	-1.9
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-2.8	1.2
18.1	20.6	18.6	12.8	7.8	5.9	1	-2.2	3.7
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-0.6	1.4
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.8	4.8
17.3	20.7	21	18.4	9.1	4	2.5	3	-1.1
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0	-0.3
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-0.2	2.6
17.4	18	17.4	14.2	10.1	4.8	2.3	0.5	-1.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.1	-0.3
17.5	17.1	18.9	14.4	9.6	4	1.6	-3.5	1.5
18.8	18.6	19.1	15.7	10.2	6	-0.8	-3.2	0.2
19.4	21.4	20	17.8	11.2	6.1	3.5	-4.8	-1
18.9	23.3	20.1	15.6	11.1	4	1.1	3.7	-1.9
16.5	18.1	19.1	14.2	11.7	6.1	1.6	0.7	0.3
16	20	19.5	15.6	9.9	2.4	4.9	-8.2	-5
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-0.1	-6.5
17	20.1	17.7	16.7	10.6	6.2	3.2	-8	-0.4
17.7	20.1	19.8	15.6	11.1	2.8	4	2.8	2.8
17.8	20.3	19.7	16.3	11.7	3.3	2.8	-0.2	4.2

18.7	19.8	20.9	13.6	11	6	1.7	0.5	4.6
18.5	17.9	18	17.4	11.7	4.5	0.1	-3.4	2.3
16.7	17.4	19.2	14.7	9.6	4.7	-2.8	-0.2	-1.4
18.5	21	19.3	16.1	10.4	8.8	-2.5	-8.4	-6.5
20.5	20.9	17.7	15.4	9.1	6.1	1.6	-5.5	-1.8
17.8	18.3	17.9	14.8	8.6	2.3	4.4	0.1	-3.8
19.2	18.5	17.7	15	13.5	4.1	3.4	-4.3	3.8
17.6	21.3	19	16.1	13.2	5	2	-1.7	1
18.7	18.9	18.2	15.3	11.3	5.1	-0.4	-2.7	0
17.5	20.8	18.5	15.9	10.4	6.9	-4	-1.7	-2.7
19	19.7	18.7	14.9	10.1	7.3	2.2	-4	-1.4
16.3	20.7	21.2	13.4	9.7	4.8	4.9	-5.5	-0.8
18.1	20.6	18.6	12.8	7.8	5.9	1	-3.5	-0.1
18.4	19.6	20.1	16.7	8.9	4.1	1.1	-2	-0.1
16.3	18.1	20.1	15.6	7.3	5.2	5.9	1.5	2.3
17.3	20.7	21	18.4	9.1	4	2.5	2	-0.8
19.4	21.7	18.1	14.5	11.5	6.5	0.3	0.5	-0.7
18.6	19.1	18.2	13.5	10.6	6.6	1.8	-1.8	1.4
17.4	18	17.4	14.2	10.1	4.8	2.3	-0.7	-3.4
20.7	17.4	18.5	14.7	8.6	5.2	5.3	-5.7	-1.4
17.5	17.1	18.9	14.4	9.6	4	1.6	-4.6	1.1
18.8	18.6	19.1	15.7	10.2	6	-0.8	-4.2	-1.3
19.4	21.4	20	17.8	11.2	6.1	3.5	-5.5	-2.1
18.9	23.3	20.1	15.6	11.1	4	1.1	2.8	-3.6
16.5	18.1	19.1	14.2	11.7	6.1	1.6	-0.7	-1.9
16	20	19.5	15.6	9.9	2.4	4.9	-7.1	-5.6
18.4	19.5	19.1	13.9	10.6	6.3	2.6	-1.2	-7.2
17	20.1	17.7	16.7	10.6	6.2	3.2	-6.8	-2.2
17.7	20.1	19.8	15.6	11.1	2.8	4	1.2	1
17.8	20.3	19.7	16.3	11.7	3.3	2.8	0.4	2.3
18.7	19.8	20.9	13.6	11	6	1.7	-0.5	3

St.-III	St.-IV	St.-V	St.-VI	St.-VII	St.-VIII	St.-IX	St.-X	St.-XI
4.4	9.7	8.1	14.4	13.1	14.2	15.9	8.8	1.5
-2.5	6.4	7.7	12.4	13.3	14.9	11.2	7.8	0.3
0.5	6.9	10.5	14	16.3	14.4	12.5	6.5	4.9
-2.3	6.6	12	16.4	17	14.1	12	5.2	2
-0.9	4.6	9	13.8	13.3	13.6	11	7	-1.1
0.7	7.7	11.5	15.4	13.6	13.5	11.4	9.5	-0.5
2.5	4.3	10.9	12.9	17.5	14.9	11.9	9.4	1.5
2	7	9	14.3	14.5	14.2	11.2	8.2	0.4
-1.6	4.7	12	12.9	17	14.3	12.2	9.2	2.6
-1.5	3.1	8.7	15.4	14.2	15	11.7	6.5	3.2
-1.4	7.1	12.1	11.6	16.9	16.7	10	7.2	0.5
3.7	4.5	9.2	13.4	16.3	14	9	4.7	1.3
1.7	2.6	10.8	14.1	15.2	16.6	13.3	5	0.3
4.1	5.8	8.4	11.9	13	15.6	11.2	2.5	1.6
1.7	4.5	10.6	12.5	16.4	16.7	14.4	6.2	-0.4
-1.5	4.7	11.3	15.5	17.6	14.2	10.8	7.1	1.9
4.1	3.2	10	13.8	14.4	14.2	9.3	8.1	2
1.7	4.9	9.5	12.4	13.7	12.6	9.6	6.7	0.8
1.3	4	11	15.5	13	13.9	10.9	5.7	0.4
0.8	3.1	8.2	12.5	12.6	14.5	11.8	5.3	0.1
4.6	5.7	11	13.8	14	14.5	12.5	5.9	1.6
2.2	4.1	10.7	14.3	17	15.3	14.8	7.6	3.1
1.8	6.9	9.7	14.6	18.7	16	11.6	6.8	0.7
-0.3	4.6	8.7	11.5	13.8	14.9	9.9	8.2	2
0.5	5.5	11.8	11.2	15.6	14.4	11.7	6.9	-1.7
0.8	4.7	13	13.6	15	14.6	9.5	7.4	3.1
-3.9	7.1	7.9	11.9	15	12.7	13	6.7	1.9
-0.5	6.4	12.4	12.9	15.2	15.2	11	7.6	-0.4
5.1	5.6	11.8	13.2	15.7	14.8	12.9	8.3	0
4.6	5.1	12.3	13.6	14.8	17.1	9.3	7.7	1.8
5.6	11.5	11.5	17.4	16	16.8	15	11	4.2
0.2	10.1	10.3	14.2	15.8	17.4	12.6	8.4	4.2
0	9.1	12.7	16.2	18.4	17.8	14.6	7.4	7.5
0.4	9	12.7	18.6	17.5	15.6	13.3	8.6	4.4
2.7	6.6	10.9	15.7	16.3	15.4	14.7	6.9	0.6
2.3	10.3	12.8	16	16.6	16.2	13.1	13.3	3.4
4.5	7.8	13.8	15.6	19.6	17.3	15.5	11.1	3.7
3.9	9.6	13.4	17.6	16.9	16.3	13.6	8.3	5.3
1.2	7.9	15.5	15.4	17.8	16.1	13.5	9.1	5.7
1.7	6.9	11.4	16.9	17.4	16.9	11.8	7.9	6
0.1	8.9	15	14.4	17.4	18.8	11.3	7	3.2
5.8	8.3	12.7	17	18.7	16.3	10.6	6.2	3.6
3.6	6.2	13.3	15.8	17.2	17	13.8	6.7	1.3
7	7.3	11.8	14	15.9	18.6	13.2	5.4	4.1
5	7.3	14.6	15.9	17.8	17.2	16.2	8.1	2.4
0.1	8.5	12.7	15.9	18.2	14.7	12.7	10.9	5.6
6.9	7	13.2	17	16.6	16.1	10.9	9.6	4.4
4.3	6.7	11.1	14.9	15	14.8	11.2	8.6	1.3
4.9	7	13.6	18.1	15.3	15.9	13.3	7.9	3.5

2.3	5.3	10.8	15.2	16	15.9	11.5	8.2	1.4
6.2	6.8	13.5	16.9	17	16.4	14.1	9.5	2.5
3.6	5.1	13.5	16.3	18.2	18.4	16.2	9.7	5
4.7	10.3	14.8	16.4	19.9	17.9	13.9	8	0.8
2	7.7	12.7	14.1	15.3	16.2	13.2	9.8	5.3
3.3	8.1	13.7	13.5	17.7	17.2	12.9	8	1.5
2.6	10.6	15.2	16.1	16.6	17.2	11.7	7.9	4.2
-2.5	7.7	11	16.1	19	15.2	14.8	10.2	5.1
1.6	7.4	14.9	16.4	20.2	19.7	15.5	9.1	-1.4
5.3	10.5	13.4	14.9	17.7	17	13.6	9.5	1.7
6	7.5	13.1	15.2	16.2	17.2	10.4	9.1	4.7
2.1	7.9	6.9	13.5	11.3	12.5	13.5	7.5	1.4
-4	5.7	6.1	10.5	11.6	13.1	9.3	7.2	0
-0.9	5.2	9.5	12.9	15.6	13.5	11.4	5.2	4.2
-3.4	5.7	9.8	14.8	15.1	12	10.3	5.2	1
-1.6	3.2	6.8	12.1	12	12.2	10.6	6.4	-2.5
-1.1	6.2	9.5	13.5	13.1	12.7	9.2	9.3	-0.6
0.7	3.2	9.7	11.9	15.9	13.8	11.8	8.1	1
0.1	5.8	7.8	13.5	13.1	13.6	10.5	6.1	1.8
-2.7	3.8	11.1	12.3	15.2	13.1	10.6	8.2	1
-2.7	1.7	7.2	13.7	13.3	13.7	9.2	5	1.9
-3.1	4.8	11.4	10.3	14.9	15.8	8.1	5.8	-0.5
2.3	3.3	8.6	12.4	15.7	13	7.7	4.1	0.4
0.7	1.4	9.4	12.5	13.8	14.9	11.5	4	-1.7
3.4	4.5	7.9	10.3	11.6	15.2	10.4	1.4	0.6
1.1	3.3	9.9	12	15.2	15.6	13.8	6.1	-0.8
-3.8	3.9	9.4	13.2	15.7	12.5	9.5	7.5	1.5
2.8	2	9.1	13.2	12.7	13	8.1	8	0.7
0.6	3.5	8.2	11.2	11.9	11.6	7.7	6.5	0.6
0.3	3.1	10.4	15.1	10.7	12.9	10.3	5	0.2
-1.4	1.9	6.6	11.2	11.6	12.8	10.2	4.6	-1.3
2.6	3.7	10.3	12.8	13.1	13.3	11.3	4.7	-0.3
1	1.9	10.3	13	15.7	14.8	14	7.2	2.2
0.5	5.9	10.2	13.6	17.8	15.5	10.8	5.6	0
-1.6	3.9	8.8	10.4	11.8	14.4	9	7.2	2.1
-0.7	3.8	11.3	9.8	14.3	14.1	9.8	6.6	-2.3
0.2	5.8	12	13.1	13.9	13.7	8.6	6.6	2.5
-5.1	5	7.8	11.6	14.6	11.7	11.6	6.4	1.3
-2.5	4.9	11.5	12.6	15	14.5	9.8	6.5	-2.6
2.9	5.7	10.9	12.5	14.8	14.4	12.3	7.4	-0.4
3.6	4.1	11.4	12.8	13.6	15.8	7.6	6.9	1
6	11.7	11.6	17.3	15.9	17	15.4	11.2	3.5
0	10.3	10.7	14.5	16.2	17.7	12.4	8.4	4
1.3	9.6	13.4	17	19.1	18.1	15.2	8.4	8.2
-0.9	9.3	13.5	18.5	18.6	15.9	13.8	8	4.1
2.8	7.2	11.4	16.1	16.9	15.9	15.5	7.2	0.8
3.4	10.7	13.4	16.5	17.2	16.6	13.7	13.4	3.4
5.6	8.1	14.2	16.2	19.8	17.3	16	11.4	3.5
4.7	10.2	12.9	17.8	17	16.7	14.1	9	5.2
0.1	8.5	16.3	15.6	18.4	16.1	14.1	9.6	5.8

1.6	7.7	12	16.8	17.2	17.1	12.6	8.3	5.6
0.6	9.3	15.5	15.1	18.2	19.9	11.7	8	2.9
6	8.1	13.3	17.1	18.6	16.4	11.3	6.6	4.3
4.3	6.8	13.7	16.3	17.6	18.2	14.8	7.1	1.4
6.5	8	12.2	14.5	16.2	18.7	13.8	6	4.3
5.1	7.9	14.2	15.8	18.4	17.7	17.1	8.1	2.4
0.7	8.4	13.3	16.5	18.7	15.4	12.8	10.4	5.7
6.9	7	13.1	17.3	17.3	16.4	11.5	9.8	5
5.1	6.8	11.7	15.6	15.8	15.7	12	9.2	1.9
4.9	7.2	14.9	18.4	15.8	16.8	13.9	7.7	3.5
1.9	5.6	10.6	15.6	16.5	16.6	12.6	8.4	1.8
7	7.6	14.1	17	17.4	17.1	14.9	9.9	3.3
4.4	6	14.8	17	18.5	18	16.1	9.5	4.5
4.9	11.1	15.7	17	20.5	18.9	14.3	9	1.4
2.5	8.1	13.3	14.9	16	17.3	13	10.2	4.2
3.2	8.7	15	13.9	18.4	17.7	13.5	7.9	0.4
2.7	10.7	15.7	16.2	17.3	17.6	12.2	9.1	4.3
-1.6	8.7	11.7	16.6	19.2	16	15.3	9.9	4.6
1.9	8.6	15.2	16.1	19.5	18.8	14.4	8.8	-0.6
6.5	10.2	13.9	15.1	18.3	18.1	14.4	10.1	1.8
7	7.7	14.3	16.6	17.3	18.8	11.5	9.8	4.7
6.9	12.5	11.8	17.7	17.1	16.9	15.7	10.4	3.5
0.8	10.4	11.7	16	16.6	17.9	13.4	8	3.9
2.1	9.8	13.7	17.8	19.8	18.4	14.9	8.7	7.4
0.2	10.2	15.1	19.2	19.9	16.7	13.9	7.7	5
1.4	7.9	11.9	16.7	17	16.3	13.6	6.4	0.8
4.1	10.5	13.9	18.1	17.5	16.8	13.6	12.2	2.9
6	8.3	13.8	16.6	19.9	17.7	15.1	11.7	3.3
5.2	9.9	12.8	17.7	17.9	17.2	13.8	9.7	4.2
1.2	8.2	15.8	16.9	19.8	17.3	14.4	9.1	6
2	7.4	12.4	18.1	18.6	17.6	13.1	8.6	5.8
1.6	9.7	15.1	15.3	19.3	19.9	12.1	8	3.7
6.1	8.8	13.5	17.1	19.5	17.4	11.7	6.2	4.9
4.9	6.7	14.2	17.3	18.5	18.6	15.2	7.2	2.8
7.4	9.2	12.9	15.5	17.1	19.2	14	6.2	3.8
4.4	8.4	13.7	16.5	19.3	19.5	16.9	7.8	2.8
1.3	8.6	14.2	18.2	20.6	17.3	13.3	10.3	5.6
6.7	7.3	13.9	17.6	17.9	17	12.5	9.4	5.6
5.6	8.2	12.8	16.5	17.2	16.2	13.3	9.3	3.5
5	8.2	15.1	19.9	16.3	17.3	13.9	7.3	4.1
3.6	6.7	11.8	16.5	16.5	17.7	13.5	8.6	3.3
7.8	8.3	14.9	18.2	17.7	17.9	14.6	9.4	5.2
5.5	7.5	14.8	18.1	20.2	19	16.2	10.1	4.6
5.2	10.7	14.2	17.8	22.1	18.8	14.4	10	2.6
3	8.1	13.1	15.8	16.8	17.8	13.2	10.6	5.2
3.9	9.2	15.1	15	18.9	18.3	14.1	8.6	1.4
4.2	9.8	16.2	17.7	18.4	18	12.6	9.2	5
-0.1	10	12.2	16.2	18.8	16.4	15.4	9.4	5.2
3.3	9.6	16.1	17.1	18.9	18.2	14.4	9.7	1.4
7.5	9.7	15	16.8	19.3	18.6	15.3	10.3	2.2

8.3	8.7	15.6	17.6	19.1	19.8	12.8	9.8	5
4.6	9.7	9.5	15.8	14.4	14.8	14	9.3	2.8
-1.6	8.5	9.3	13.5	14.2	15.8	11.2	7.3	2.8
-0.1	7.2	11.7	15.5	17	16.2	13.2	7	6.3
-2.2	7.5	12.3	17	17	14.4	12.1	6.3	3.1
0.3	5.8	9.6	14.8	14.9	14.5	13	6.3	-0.6
2	8.5	12	15.7	15.9	15.1	11.6	11.1	2.1
4	5.9	12.1	14.6	17.8	15.7	13.9	10.7	3
2.9	7.9	10.7	16	15.7	15.9	12.4	8.4	3.3
-1.6	6	13.6	14.9	17.4	15.1	12.7	8.5	4.4
-0.3	5.9	10.5	15.8	16.2	15.5	11.3	7.7	4.3
-0.9	7.3	13.3	13.7	16.5	17.3	10.4	7.4	1.6
4.5	6.4	11.4	14.9	17.9	15.1	10	5.5	3.5
2.9	4.6	11.7	14.7	16	16.4	12.9	5.8	0.8
5.4	6.1	9.9	12.4	14.4	16.9	12.5	4.3	3.1
3.3	5.6	12	14.4	16.8	16.8	14.5	6.9	1.3
-1.1	5.6	11.4	14.4	16.7	13.3	10.9	8.2	4.1
4.9	5.1	10.7	15.1	15	14.9	9.8	8.6	3.8
3.4	5.4	10.3	13.6	14.1	13.8	11	7.8	2.9
2.5	5.4	12.6	17.2	14.1	14.8	11.7	5.3	2.7
0.6	4.3	8.9	14.3	14.8	15	11.4	7	1.2
5.6	5.5	12.4	16.1	15.9	15.6	12.4	7.7	2.7
3.2	4.7	12.3	15.4	17.4	16.7	14.1	8.8	3.9
3.8	8.8	12.8	15.6	19.3	16.5	12.9	8.1	1.4
0.6	6.5	11.4	13.9	14.5	15.7	11.3	9.3	3.2
1.9	6.8	13.5	12.8	16.7	16	11.9	7.2	-1
2.1	7.9	14	15	15.9	15.7	10.4	7.5	4.6
-2.4	7.2	10.4	14.6	16.7	14.2	13.6	7.8	4.1
0.8	6.8	13.5	15.1	16.9	16	12.3	7.7	-1
5	7.7	11.7	13.9	16.6	16.3	13.1	9.2	0.4
5.7	6.2	12.5	14.7	15.9	16.6	10.3	7.7	3.7
6.4	11.9	12.2	18	16.8	17.9	16.5	10.9	3.8
0.2	10.4	11.5	15.5	16.8	18.8	12.9	8.9	3.8
0.8	9.9	14.1	17.6	19.8	18.5	15.4	8.5	6.8
0.1	10.2	13.9	19.4	19.3	16.9	14.3	8.3	4.8
2.5	7.7	11.9	16.6	17.1	15.9	14.6	7.1	0.7
3.7	10.8	13.9	17.6	17.5	17.2	13.7	12.7	3.3
5.3	8.7	14.3	16.9	20.5	18.3	15.7	10.9	3.5
4.7	10.7	13.5	18.3	18.1	17.3	14.3	9	5.1
0.8	9	16.2	16.4	19.4	16.9	14.7	10.1	4.9
1.6	7.7	12.5	17.8	18	17.9	13.1	8	5.9
1.5	9.7	15.6	15.9	19.4	20.3	12.4	7.9	3.2
6.1	8.5	13.7	17.6	19.5	17.5	11.9	7	3.8
4.9	7.1	14.3	16.8	18.6	19.4	15.3	7.2	1.4
7.3	9	13.2	15	17.1	20.1	14.3	5.5	3.7
4.9	8.4	14.8	16.7	19.5	19.1	17.3	8.5	2.3
1	9.3	14	18	20.2	16.5	13.2	10	5.5
7	7.3	13.3	17.8	18.3	17.1	12.2	10	4.5
5	7.7	12.4	15.9	16.4	16.4	13.3	9.7	1.7
4.8	7.8	15.2	19.3	16.3	17.4	14.5	7.9	3.8

2.7	6.4	11.6	16.1	16.8	17.8	13.6	8.3	1.8
6.9	8.6	14.6	18.1	18	18.5	15.1	9.5	3.8
4.6	6.9	14.3	17.7	19.6	19.1	17.7	9.8	4.3
5	10.7	15	17.4	22.2	20.1	15	9.1	1.7
3.2	8.7	13.2	15.4	16.9	18.1	13.6	10.1	4.7
3.4	8.9	15.3	14.6	18.8	18.2	14.1	8.7	0.7
2.8	11	16.2	17.2	18.2	18.5	13.3	9.5	4.5
-0.7	9.5	12.4	16.5	19.4	16.3	16.1	10.4	4.8
2.5	9.4	15.7	16.9	19.7	19.1	14.4	9.4	0.2
6.9	10.1	14.6	16.1	19.7	18.9	15.2	10.2	2.3
7.6	8.3	14.9	17.2	18.5	19.9	12.4	10.1	4.9
4.4	10.2	9.7	16.1	14.8	15.3	14.9	8.8	2.2
-2	8	9.4	13.5	14.8	16.8	11.5	7.2	1.8
-0.1	7.5	11.9	15.7	18	16.2	13.7	6.9	5.5
-1.8	8.2	12.3	17.3	17.7	15	12.5	6.5	3
0.1	5.6	9.7	14.8	15.2	14.2	12.8	6.1	-1.3
1.6	8.2	11.8	15.7	15.7	15.1	11.9	10.8	1.2
3.2	6.3	12.4	14.8	17.9	16	13.4	9.3	2
2.5	8.2	10.8	16.1	15.5	15.2	12.1	7.2	3.2
-1.6	6.7	13.9	14.1	17.2	14.9	12.5	8.3	3
-0.3	5.3	10.2	15.5	15.7	15.6	11	6.7	3.9
-0.9	7.4	13.2	13.2	17	18	10	6	1.2
3.9	6	11.4	15	17.5	14.6	9.5	4.9	2.4
2.5	4.2	12	14.6	16.1	16.6	12.9	5.2	-0.2
5	6.9	10.5	13.2	14.7	17.2	11.8	3.4	1.9
2.7	6	12.3	14	17	16.7	14.8	6.8	0
-1.3	6.6	11.9	15.4	17.7	14	10.9	8.3	3.5
4.8	4.9	11.2	15.1	15.1	14.6	9.8	8.3	2.8
2.7	5.3	10.2	13.9	14.1	14	10.8	7.8	0.2
2.3	5	12.8	16.7	13.4	14.6	12	5.9	1.9
0.5	3.9	9.2	13.5	14.1	14.9	11.2	6	0.2
4.7	5.7	12.2	15.4	15.5	15.5	12.6	7.2	1.7
2.7	4.2	12.2	15.5	17.3	16.3	14.8	7.9	2.5
2.7	8.3	12.6	15.1	19.5	17.3	12.4	7.1	-0.2
0.2	5.9	11	13	14.1	15.2	10.7	8.2	2.9
1.1	6.1	12.9	12.1	16.4	15.8	11.7	6.4	-1.2
1	8	13.9	14.8	15.6	15.6	10.9	7.5	2.4
-3.2	6.9	10	14	16.7	13.8	13.6	7.9	2.6
-0.1	7	13.5	14.4	17.1	16.2	12	7.5	-1.6
4.4	7.8	12.1	13.8	16.5	15.9	13	8	0.1
4.9	5.6	12.6	14.6	15.8	17.2	9.7	7.7	2.8
5.9	11.7	11.2	17.1	16.5	16.9	15.5	9.2	2.9
-0.1	9.3	10.8	14.7	16.4	18	12.7	7	2.3
1.4	9	12.6	17.2	19	17.4	14.4	8	6.8
-0.6	9.2	13.7	18.1	18.7	16	13.1	6.9	5.1
1.3	7	11.3	16.1	16.4	15.5	12.9	6.9	0.9
3	9.7	13.4	17.3	16.9	16.1	13.3	11.7	2.1
4.9	7.3	13.1	15.9	19.8	17	14.5	11.3	2.8
4.6	9.5	12.7	17	17.3	16.5	13	9.2	3.7
1.3	7.8	15.2	15.6	19	16.4	14.4	8.9	4.7

1.9	6.8	11.2	17.1	17.9	17.1	13	8.5	5.5
0.5	9	14.7	14.8	18.4	19.3	11.5	7.8	3.2
5.4	7.7	12.5	16.5	18.2	16.9	10.7	5	4
3.7	5.7	13.1	16.4	17.7	18.3	14.7	6.7	2.2
6.8	8.2	11.7	14.5	16.5	18.6	13.7	5.1	3.6
4	7.3	13.7	15.2	18.5	17.9	16.7	7.5	2.3
0.6	7.7	13.8	17.8	19.4	14.8	12.3	9.5	4.9
6.7	6.8	13.4	17.3	17.6	16.5	11.7	9	5.1
5.1	7.3	11.7	15.2	16.1	15.5	13.2	8.4	2.7
4.6	6.7	14	18.4	15.9	16.2	13.2	7.2	2.9
3.4	5.4	10.9	15.9	15.6	17.2	13.3	7.8	2.7
7.3	8.1	14	17	17.2	17.4	14	8.8	4.7
4.4	6.3	14	17.2	18.8	17.9	15.7	9.2	4.2
4.6	10.1	13.7	16.9	21	18.2	14.3	8.7	1.9
2.3	7.1	12.3	15.3	16.8	17	12.9	9.5	4.2
2.9	8	14.3	14.2	18.1	17.2	13.7	7.7	0.7
3.1	9.1	15.5	16	17.1	17.3	12.3	8.7	4.1
-2.1	9.1	11	15.6	18.4	15.8	15.8	9	3.9
2.6	8.7	14.4	15.4	18.1	17.4	13.3	9.4	0.8
6.9	8.7	13.1	14.9	18.2	17.4	13.8	9.2	1.2
7	7.3	14	16.4	17.2	18.4	11.6	8.9	4.1
5.7	11.2	10.2	16	15	15.7	15.4	9.4	2.8
-1	8.7	10	14	14.9	17	12.5	7.7	2
1.4	8.1	11.9	16	17.9	16.5	13.8	7.6	6.6
-1.1	8.7	12.9	17	17.9	14.9	12.7	6.7	3.9
1.1	6.5	10.4	15.2	15.6	14.7	13	7.1	-0.1
2.5	9.3	12.4	16.2	15.9	15.2	12.5	11.6	1.9
4.6	6.7	12.5	14.8	18.2	16.3	14	11	2.9
3.8	9.1	10.9	15.9	15.8	15.3	12.4	8.7	3.4
-0.2	6.7	14.2	14.5	17.5	15.3	13	9.1	4.2
0.6	5.6	10.5	15.8	16.5	15.9	12	7.4	4.8
-0.4	7.9	13.6	13.3	17	18.7	10.8	7.8	2.3
4.9	6.5	11.7	14.9	17.1	15.4	9.8	4.9	3.6
3.3	4.9	12	14.7	16.3	16.8	14	6.2	1.5
5.9	7.1	10.8	13.3	15.4	17.4	12.6	4.1	3
3.4	6.2	12.2	14	17.2	17.1	16	6.9	1.2
-0.3	6.8	12.5	16.2	18.3	14.6	11.9	9.2	4.1
5.7	5.6	11.9	15.6	16	15.4	10.9	9	4.1
3.9	6	10.8	14.3	14.8	14.5	11.9	7.9	2.4
3.7	5.8	12.7	17.5	14.6	15.4	12.7	6.6	2.7
2	4.6	9.3	14.3	14.4	15.9	12.5	7.3	2.1
6.2	6.5	12.8	16.2	15.9	16.3	13.4	8.1	3.3
3.5	4.9	12.9	16.5	18.1	17.5	15.9	9.1	4.1
3.4	8.7	12.4	15.3	19.1	17	13.4	8.6	1.4
1.1	6	11.2	13.6	14.9	15.9	11.5	9.4	3.6
2	6.9	13.1	12.8	17	16.6	12.9	7.3	0
2.1	7.9	14.1	15	15.8	16.1	11.3	8.7	4
-2.3	8.3	10.4	14.5	16.9	14.9	14.8	8.6	3.6
1.1	7.4	13.6	14.6	17.3	17	12.8	8.5	0
5.9	7.8	12.4	14.3	16.8	16.6	13.5	9.6	0.8

6.6	6.5	13.1	15.2	16.3	18.4	11	9	3.6
3	8.9	8.6	15	13.4	14.4	14.1	8.7	1.1
-3.4	7.2	7.6	11	13	15.5	10.4	7.5	1.1
-2.5	6	10.4	14	16.7	15.5	12.9	6	5
-4.5	5.9	10.8	15.6	15.9	13.2	10.9	5.4	1.1
-0.9	3.5	7.7	13.2	13.5	13.3	12	6.1	-2.3
-0.5	7.5	11	14.8	14.5	13.8	10.9	10	-0.1
1.6	4.4	10.8	13.4	17.1	15	13.4	8.8	1.3
1.1	7.1	9.4	15.1	14.2	14.2	11.4	6.4	2
-3.7	5.1	12.8	13.2	15.6	13.7	12	7.7	2.1
-1.8	3.9	9	14.2	14.7	14.7	10.3	5.3	2.6
-2.5	5.9	12.6	12.2	15.9	17.1	9	5.8	-0.2
2.9	4.4	10	13.8	16.2	14.1	8.9	3.8	1.1
1.2	3.2	10.6	13	14.8	16.5	12.6	4.7	-1.4
3.4	5.2	8.9	11.4	13.6	16.4	11	2.4	1.3
1.9	4.5	11.1	12.8	15.8	15.6	14.6	6.3	-0.6
-3	5	10.5	13.5	16.4	13	9.7	7.8	2.3
3.6	3.4	9.6	14.6	14.7	14.2	8.5	8.5	1.6
1.7	3.4	8.8	12.7	13.4	12.7	9.3	6.9	-0.7
1.3	3.9	11.7	16	12.8	14.2	11.4	5.1	0.5
-1.6	2.7	7.2	12.4	13.1	14	10.5	5.1	-1.4
3.5	4.3	11.4	14.2	14.5	14.6	12	6.4	0.1
1.5	2.6	11.1	14.1	16.2	16	14.7	7.7	2.2
1.4	7.3	12	13.8	18.1	16.3	12	6.1	-0.5
-1.1	4.9	9.7	11.5	12.8	15.2	10	7.6	1.8
0.1	5.1	11.8	10.5	15.3	14.8	10.4	6.1	-2.2
0	7	12.6	13.3	14.9	14.8	9.5	7	2.4
-4.8	5.2	8.4	13.3	15.9	12.8	12.7	7.1	1.8
-1.5	5.6	11.8	13.6	16.5	15.8	11.1	6.5	-3.2
3.8	6.6	11	12.2	15.5	15.3	12.4	7.9	-0.1
4.2	4.6	11.6	13.3	14.4	16.2	8.1	7.2	1.4
1.7	6.9	6.8	13.5	11.6	12.1	12	7.3	0.8
-4.7	4.1	5.8	10.6	11.6	12.8	8.6	5.7	0.5
-1.8	4	9.3	13.2	15.2	13.3	11.2	5	4
-4	4.8	9.6	15.1	14.9	11.9	9.7	4.4	1.1
-2.5	2.4	6.6	12.2	12.2	12.1	10.6	4.9	-2.8
-0.9	4.4	9.1	13.5	13.2	12.8	9.4	9.1	-0.2
0.5	2.4	8.5	12.1	15.8	13.3	11.2	7.8	0.9
-1	3.4	7.4	13.5	13.2	13.7	10.4	6.1	1.5
-4	2.3	10.5	12.5	15.3	12.8	10.5	7.3	1.2
-2.9	1.2	6.9	13.9	13.6	13.7	9.2	4.9	1.7
-3.5	3.9	10.8	10.6	14.6	15	7.6	4.8	-0.7
1.4	3.2	8.7	12.4	15.8	12.6	7.2	3	0.5
-0.1	0.8	8.5	12.5	13.4	13.7	10.2	3.4	-2
1.6	3.6	7.8	10.3	11.8	14.8	10	1.8	0.3
0	2.7	9.2	12.2	14.8	15.2	13	5.3	-0.9
-4.3	2.1	8.2	13	15.5	12.3	9.1	7.1	1.9
1.5	1.7	9.1	13.1	12.9	13.2	8.1	7.2	1.1
0.3	2.4	8	11.3	11.9	11.7	8.1	6.2	0
0	2.3	10	14.8	11.1	13	9.7	5.2	0.1

-1.7	1.1	6.4	11.3	11.8	13	10	4.5	-1.5
2	3	10.6	13.1	13.2	13.4	11.1	5	-0.1
0.5	1.3	9	12.9	15.9	14.7	12.6	6.9	1.7
0.3	4.8	10.1	13.4	17.1	15.1	10.1	5.7	-0.3
-2.2	2.7	8.6	10.6	11.8	13.8	8.8	7	2.2
-0.8	2.9	10.7	9.7	14	13.9	9.6	5.9	-1.9
-0.1	4.5	11.9	12.8	13.8	13.4	8.5	6.3	2.1
-5.3	3.7	7.1	11.4	14.3	11.6	11.2	6.5	1.6
-2.2	3.3	11.2	12.5	14.6	13.7	10	6.5	-2.4
1.8	5.2	10.6	12.3	14.5	13.7	11.7	6.9	-0.6
2.8	4	10.7	12.5	13.2	14.8	7.7	6.6	1.5
6.9	12	11.4	17.1	16.6	16.5	15.1	9.9	3.2
0.4	10	11.5	15.7	16.5	17.2	12.6	7.3	3.8
1.4	9.8	13.4	17.7	19.1	17.6	14.5	8	7
0.2	9.7	14.6	19.5	20.2	16.7	13.4	7.3	4.7
0.6	7.7	11.9	16.6	16.8	16.1	13.3	5.8	0.3
4	10.4	13.6	17.9	17.3	16.7	13.5	12	2.6
5.8	7.9	13.9	16	19.3	17.3	14.5	10.6	3
4.8	9.3	12.3	17.5	17.5	17.4	13.8	9.4	3.8
1.1	7.6	15	16.5	19.2	16.9	14	8.8	5.4
1.2	7.1	12.2	17.6	17.9	17.3	12.7	8.9	5.4
1.3	9.1	14.7	15	18.7	19.3	11.7	7.2	3.5
5.4	8.3	13.1	16.7	19.4	16.8	11.2	6	4.4
4.6	6.4	13.4	16.7	18	18	14.9	6.9	2.5
6.4	8.8	12.5	15.1	16.4	18.5	13.3	6	3.1
3.9	7.8	13.2	16	18.9	19.2	16.4	7.8	2.6
0.7	7.9	13.9	18	20.3	16.6	12.7	9.5	5.3
5.8	6.6	13	17.1	17.4	17.1	12.1	8.7	5
5	8	12.3	15.4	16.5	15.8	12.9	9	3.3
4.2	8	14.6	19.3	15.9	16.8	13.1	6.3	3.7
3.1	6.3	11.2	16	15.9	17	12.9	7.8	2.6
7.1	7.4	14	17.2	17.1	17.5	14.1	8.9	4.8
4.9	6.9	14.1	17.5	19.3	18	14.8	9.4	4
4.9	10.2	13.5	17.3	21.5	18.3	13.8	9.2	2
2.6	7.8	12.8	15.3	16.5	17.4	12.9	10	4.7
3.4	8.7	15	14.6	18.6	19.2	13.4	7.9	1
3.4	9.3	16.1	17.3	17.9	17.4	12.3	8.5	4.5
-0.6	9.6	11.4	15.5	18	16.1	14.6	9.1	4.7
3	9.3	15.5	16.4	18.5	17.9	14.1	9.4	1.2
6.9	9.4	14.8	16.5	19	18	14.9	9.5	2
7.6	8.2	14.8	16.8	18.1	19	12.4	8.7	4.8
5.8	11.2	10.6	16.3	15.2	15.3	14.6	9.6	2.7
-0.3	9.4	10.4	15	15.2	16	12	7.2	3.3
0.6	8.8	12.6	16.9	18.5	16.8	13.9	7.6	7
-0.7	8.8	13.9	18.3	18.5	15.4	12.5	6.7	3.7
0.2	6.2	10.7	15.8	16.3	15.4	12.6	5.6	-0.5
2.9	9.2	12.6	17.1	16.3	15.8	12.3	11.4	2.2
4.8	6.7	13.1	15.2	18.7	16.5	14.1	10.5	2.9
4.1	8.3	11.4	16.9	16.7	16.3	12.8	8.8	3.3
0.2	6.9	14.7	16	18.5	16.1	13.3	8.9	4.6

0.3	6.2	11.5	17.3	17.7	16.8	12.1	8	5
0.5	8.5	14.9	14.7	18.8	18.9	10.9	6.9	2.3
5.1	7.5	12.5	16	18.6	16	10.6	5.6	3.8
3.4	5	12.8	15.9	17.1	16.6	13.2	6.1	1.7
6	7.1	11.5	13.8	15.6	17.6	12.6	5	2.9
3.1	6.8	12.6	15.4	18.1	18.2	15.5	7.1	1.4
-0.1	6.6	12.8	16.9	19	15.4	12	9.5	4.6
5.5	5.6	12.4	16.3	16.3	16.2	11	8.7	4.3
4.1	6.8	11.7	14.8	15.7	14.9	11.7	8.5	2.5
3.3	6.7	13.7	18.6	14.7	16.1	12.2	6.9	2.7
2.3	5	10.4	15.2	15.1	15.9	12.3	7.1	1.7
6.1	6.6	13.7	16.6	16.5	16.5	13.4	8.2	3.7
3.9	5.4	13.1	16.8	19	17.6	14.7	9.2	3.9
3.6	9.4	13.1	16.8	20.6	17.5	13.1	8.4	1.9
1.8	7	12.3	15	16	16.9	12	9.6	4.6
2.8	7.8	14.6	13.8	18.1	17.6	12.8	7.6	0.5
3	8.4	15.4	16.6	17.1	16.9	11.4	8.3	4.4
-1.7	8.8	11.2	15.4	17.8	15.4	14.1	9	4.2
1.8	7.8	14.6	16	17.8	16.6	13.2	8.7	0.1
5.5	8.2	13.6	15.1	17.5	16.8	13.9	9	1.2
6.4	7	13.7	15.9	16.8	17.7	11	8.7	3.9
5.9	11.4	11.9	17.6	16.4	17.5	15.7	11.1	3.8
0.2	10.4	11.4	15.1	16.5	17.9	12.5	8.3	4.3
0.8	9.5	13.7	17.2	19.3	18.4	15.1	8.1	7.7
-0.4	9.3	13.5	18.9	18.4	16.2	13.6	8.2	4.4
2.9	7.4	11.6	16.2	17	15.7	15	6.8	1
3.1	10.6	13.4	16.7	17	16.7	13.6	12.9	3.8
5.3	8.1	14.5	16.3	19.9	17.7	15.7	10.7	3.6
4.3	10.1	13.4	17.9	17.5	17.1	14	8.7	5.4
0.5	8.6	16	16.2	18.8	16.5	14.3	9.3	5.6
1.7	7.9	12.3	17.3	17.7	17.5	12.6	8.2	6
1	9.6	15.6	15.6	18.7	20	11.8	7.9	3.1
6.1	8.5	13.3	17.3	19.1	16.8	11.5	6.9	4.3
4.6	7.3	13.6	16.5	18.1	18.5	14.8	7.2	1.7
6.7	8.5	12.6	14.9	16.4	19	13.8	6	4.5
5	7.9	14.6	16.2	18.7	18.3	17.1	8.4	2.9
0.9	8.7	13.6	16.7	19.1	15.6	12.9	10.7	5.9
6.9	7.2	13.2	17.8	17.6	16.8	11.9	9.8	5.1
4.9	7.3	12.2	15.8	16.1	16	12.4	9.3	2.2
5.3	7.5	14.9	18.8	16.3	17	14.1	7.9	4.1
2.3	6	11.1	15.8	16.7	16.8	12.8	8.5	2.1
7.1	7.8	14.2	17.6	17.6	17.7	15	10.1	3.5
4.4	6.4	14.2	17.1	19	18.6	16.7	10.1	5.2
5	11	15.6	17.2	21.1	19.3	14.7	9	1.5
2.8	8.3	13.3	15.2	16.2	17.5	13.7	10.3	4.7
3.5	8.6	15	14	18.4	17.8	13.3	8	0.6
2.9	10.5	15.8	16.5	17.5	18	12.5	8.7	4.2
-1.3	8.6	12	16.7	19.3	16	15.5	10.3	4.9
2.3	8.3	15.4	16.3	19.5	18.9	14.5	8.9	-0.6
6.5	10.5	14	15.4	18.8	18.4	14.5	10.1	2.1

6.7	7.8	14.3	16.5	17.5	18.9	12	9.6	5
6.6	11.4	10.7	16.6	16.1	16.1	16	10.1	3
0.1	9.5	10.4	14.5	15.7	17.7	13.1	7.9	3
2.2	8.7	12.3	16.5	18.3	16.9	14.3	8.3	7.3
-0.5	9.1	13.9	18.2	19.2	16.3	13.9	7.3	4.6
1.8	7.1	11.1	15.9	16.4	15.5	13	6.8	0.9
3.4	10	13	17	16.6	15.8	13.2	11.9	2.5
5.3	7.3	13.2	15.3	18.9	16.8	14.6	11.2	3
4.5	8.9	11.6	16.5	17.3	17	13.3	9.9	3.5
0.6	7.2	14.6	15.4	18.9	16.6	14.2	8.9	5.4
1.3	6.3	11.4	16.5	17.6	16.8	12.9	8.4	5.5
0.6	8.1	13.5	13.7	18.2	19.5	11.5	8.1	3
5	7.1	11.5	15.5	18.6	16.8	10.8	5.4	4.2
3.5	4.9	12.8	15.5	17	17.7	14.6	6.8	2.5
6	7.4	11.7	14.1	15.9	17.9	13.5	5.3	3.6
3.6	7.1	12.5	15	18.2	18.5	16.3	7.2	2
0.4	7.2	13	16.8	19.2	15	12.3	9.3	4.5
6	6	11.9	16	16.5	16.1	11.5	8.7	4.9
4.7	6.6	10.9	14.4	15.7	15.1	12.6	8.4	3.2
4.5	6.3	12.8	18.1	15.2	15.9	12.8	7	3.5
2.8	5.1	9.7	14.9	15	17.2	13.2	8	2.6
6.8	7.5	13.4	16.7	16.8	16.5	13.3	8.7	4.5
4.4	5.9	13.8	17.3	19.2	17.7	15.8	9.2	4.7
4.4	9.8	13	16.5	20.7	17.5	13.6	8.8	1.9
1.9	6.8	11.6	14.5	16.2	16.4	12.1	9.7	4.3
2.9	7.9	14.3	14	18	17.2	13.2	7.8	0.4
3.5	8.9	15.5	15.9	17.2	17.2	11.9	8.6	4.4
-2.2	9.3	11.1	15.2	17.9	15.5	14.6	9.1	4.4
2.5	8.4	14.6	15.4	18.1	17.3	13.6	9.5	1.1
6.8	8.6	13.4	15.1	18.1	17.3	14.2	9.5	1.2
6.8	7.2	13.9	16.7	17.9	19.2	11.8	8.9	4.1
5.9	12.1	11.4	17.6	16.2	16.7	16.2	10.6	3.6
0.3	10.3	11.1	15.6	16.3	18	13.6	8.9	3.7
1.7	9.5	13.3	17.5	19.9	18.2	15.3	8.6	7.5
-0.2	9.9	14.5	19.1	19.5	16.1	13.8	7.9	4.4
1.7	7.4	11.4	16.6	16.6	16.5	14.4	7.7	0.3
3.3	10.2	13.8	17.7	17.2	16.5	13.2	12.8	3.2
5.4	7.6	13.9	16.4	20.2	17.8	15.1	11.6	3.7
4.7	10	12.3	17.9	17.4	17	13.8	9.3	4.7
0.4	8	15.6	16.3	19.6	17.1	14.6	10.2	5.2
1.1	7.1	12.1	17.8	18.1	17.7	13	8.5	5.5
1	9.3	15.2	15	19.4	20.3	12.1	7.9	2.9
6.3	7.9	13.3	17.1	19.7	17.1	11.6	6.7	4.4
4.9	6.4	13.9	17	18	19.1	15.4	7.4	2
6.8	8.7	12.2	14.5	16.4	18.9	13.9	5.5	3.6
4	7.8	14	15.8	19	18.9	17.1	7.4	2
0.4	8.1	13.8	17.3	19.7	16.3	12.8	10.4	5.3
6.6	6.7	13.4	17.2	16.9	16.7	11.8	9.6	4.8
4.7	7.4	12.3	15.5	16.3	15.8	12.1	9.2	2.9
4.2	7.2	14.9	19.2	15.2	16.8	13.6	7.8	3.3

2.5	6	10.9	15.5	15.4	17	13.3	8.2	2.3
6.9	7.7	14.6	17.8	17.3	17.4	14.4	9.1	3.9
4.6	6.3	14.1	17.5	19.8	18.6	17	10.3	4.7
4.4	10.3	14.2	17.5	21.5	19	14.5	9.2	2
2.4	8	12.9	15.3	16.2	18.1	12.9	10.3	5
3.2	8.2	15.3	14	18.5	17.9	13.5	8.4	0.9
3.5	10	16	16.7	17.8	17.3	12.2	9.4	4.8
-0.8	9.2	11.8	15.6	18.2	15.6	15.2	9.6	4.7
2.1	8.9	15.4	16.7	18.7	17.9	13.8	9.6	-0.1
6.4	9.4	14	15.9	18.8	18.4	15.3	10.2	1.6
7.4	7.6	14.9	17	18.2	19.7	11.7	9.9	4.4
5.6	10.5	10.2	16.1	15.7	16	14.7	8	2
-1.1	8.1	9.7	13.4	15.4	17.4	11.9	6.7	1.3
1.6	7.5	11.2	15.9	17.6	16	13.2	7.1	6.3
-1.6	8	12.5	16.7	17.5	14.6	12	5.8	4.3
0.7	6.2	10.2	15.1	15.5	14.2	11.3	6.2	0.3
2.3	8.6	12.1	15.9	15.8	14.9	12.5	10.5	1.2
4.3	6.2	11.5	14.7	18.2	15.4	13.2	9.7	2
3.1	7.5	10.8	15.2	16	15	11.7	8.4	2.4
0.1	6.1	13.5	14.1	17.5	15.1	12.7	7.7	4.1
0.5	5.5	9.7	15.8	16.7	15.7	11.9	7.5	4.7
-0.8	7.2	12.5	13.4	17.3	17.8	10.2	7	2.7
3.4	6.5	11	15.2	16.9	15.4	9.4	4	3.5
2.4	4.4	12.1	15	16.1	16.5	13.3	5.6	1.2
4.7	6.4	10.5	13.3	15.5	16.9	12.1	4.2	2.6
2.3	6	11.8	13.8	17.1	16.6	14.6	6.7	1.1
-0.6	5.9	11.9	16.4	18.5	13.5	11.3	8.2	3.4
5.1	5.4	11.5	15.9	16.6	15.1	10.7	7.9	4
3.7	5.4	10.1	13.7	14.9	14.4	12.5	7.3	1.7
3.1	4.9	12.2	16.9	15.3	14.9	12.2	5.8	2.4
1.8	3.9	9.3	14.9	15	16.3	12.4	6.9	1.8
6.3	6.8	12.3	15.9	16.4	16.3	12.7	7.8	3.8
2.8	4.9	12.7	16.9	18.2	17.2	15.2	8.5	3.6
3.9	8.9	12.8	16.1	20.8	17.2	13.7	8.3	0.7
0.8	5.6	10.7	15	17.3	16.9	12.6	9	2.9
2	7	13.9	14	18.4	16.4	13.2	7	-0.3
1.5	7.2	14.1	14.9	16.3	16.3	11	7.7	3.1
-3.3	7.9	10.2	14.8	17.7	15.3	15.4	7.9	3
1.2	7.2	13.6	14.8	17.6	17.4	13.2	8.9	0.2
6.4	7.4	12.5	14	17.7	16.7	13.3	9.2	0.6
6.1	6.2	12.7	15.4	16.7	18.1	11.5	7.8	3.3
5.2	10.4	9.2	15.2	14.3	15	15.3	9	2.4
-1.1	7.6	8.8	13.3	14.5	15.6	11.7	7.6	1.5
1.3	7.9	11.7	15.3	17.2	15.4	13.2	7.1	6.1
-0.8	8	12.8	17.5	18	15.2	12.6	6.4	3.8
0.2	6	10.5	15.1	14.9	14.4	11.7	7.1	0.1
2.1	9.2	12.3	16.7	15.2	14.7	12.3	10.7	0.7
4.1	5.9	12	14.2	18.4	15.6	12.8	10.4	2.6
3.2	7.7	10.5	15.6	16	15.4	12.2	8.9	1.9
0.4	6.3	13.1	14.3	18.1	15.3	12.9	8.9	4

0	4.8	10.2	16.6	15.8	15.8	12.3	7.8	4.4
-0.2	8	13.1	13.1	17.9	17.4	10.9	7.2	2.3
4.6	6.4	10.6	14.6	17.3	15.2	10.1	5.2	2.5
2.8	4.3	12.3	15.5	16.3	16.8	13.7	6.2	1.7
5.6	7.1	10.3	13.4	14.6	16.9	12.5	4.1	2.5
2.8	6.2	12	14.1	17.3	17.6	14.8	6.5	1.1
0	6.2	12.6	17.1	19	14.9	11.8	8.4	3.5
5.5	4.9	11.4	15.5	16.1	15.6	10.9	8.7	3.7
3.7	6.4	10.7	13.9	15.1	14.2	11.5	7.7	2.1
3	5.6	12.3	17.1	14.8	15.3	12	6.5	2
2.6	4.8	9.8	14.4	14.2	16	12.8	6.6	1.2
6	6.9	12.2	15.3	15.6	15.6	13.2	7.5	3.2
3.5	5.5	12.2	15.9	18.3	16.6	14.9	8.6	4
3.3	8	11.3	16	20.2	16.9	12.8	8	1.1
1.2	5.8	10.2	13.3	15.3	16.1	11.5	9.1	3
1.9	6.7	13.2	12.9	17	16	13	7.5	-0.3
2.3	6.6	14.4	15.3	16.4	16.1	10.6	7.9	3.5
-2.7	8.5	9.3	13.6	16.7	14.7	14.3	8	3.3
1	7.8	13.9	14.6	16.9	16.3	12.5	8.7	0.9
5.9	7	13.3	14.8	17.4	16.2	13.9	8.9	0.4
5.8	6.3	13.6	15.1	16.3	18	10.8	8.1	3.2
6.1	11.7	11.3	17.4	16.6	16.6	15.6	10.3	3.7
-0.2	10	11	14.7	16.3	17.6	13.4	7.6	3.7
1.6	9.1	13.2	17.5	18.9	17.5	14.7	8.1	7.4
-0.2	9.8	14	18.2	18.9	15.8	13.4	7.3	4.7
1.2	7.2	11.2	16	16.5	15.5	13.5	6.4	0.4
3.5	9.9	13.1	17.3	17.1	16.3	13.2	12.5	3.2
5.6	7.7	13.5	16	19	17.2	14.7	11.4	3.4
4.6	9.3	11.9	17	16.9	16.6	13.9	9.2	4.3
0.6	7.7	15.3	15.9	19	16.5	13.7	9.1	5.2
1.3	6.8	11.8	16.9	17.7	17.2	12.7	8.5	5.9
0.9	9.1	14.4	14.7	18.4	19.4	11.6	7.7	3.4
5.9	8	13.1	16.5	18.8	17	11.4	5.8	4.7
4.6	6	13.4	16.4	17.7	18.2	15	7	2.7
7	8.2	12	14.4	16.4	18.6	13.5	5.7	4
4	7.7	13.4	15.7	18.8	18.7	16.6	7.7	2.3
0.3	7.9	13.6	17.3	19.4	16	12.9	10.4	5.3
6.6	6.4	13	16.9	17	16.3	12	9.5	5.4
5	7.4	12.3	15.5	15.9	15.4	12.8	8.9	3.1
4.5	7.3	14.3	18.9	15.5	16.3	13.4	7.5	3.5
3.2	5.9	10.9	15.5	15.6	16.9	13.3	8.3	2.8
7.2	7.5	14.4	17.3	17.3	17.4	14.2	9.3	4.7
4.6	6.1	14	17.5	19.2	18.2	16.2	10.2	4.9
4.4	10	13.8	16.9	20.4	18.2	14	9.4	2.4
2	7.1	12.5	14.9	16	17	13	10.2	5.1
3.3	8	14.2	13.8	18	17.6	13.6	8	0.8
3.2	9.1	15.2	16.1	18	17.7	12.1	9	4.6
-0.8	9.2	11.8	16.1	18.5	16.1	15.6	9.9	5
2.6	8.8	15.7	16.9	18.9	17.9	14.1	9.8	0.9
6.5	9.5	14.1	16.3	18.4	18.1	14.8	10.3	1.9

7.3	7.6	14.7	17.1	18.2	19.4	12.1	9.9	4.6
1.7	7.3	6	12.3	11.1	12.2	13.4	6.7	0.9
-4.7	4.5	5.1	9.6	11.3	13.2	8.7	5.4	-1.2
-1.3	4.3	7.5	11.9	14.1	12.1	10.3	4.4	3.6
-4.1	4.7	8.9	13.3	14.1	11.7	9.7	2.8	0.1
-1.8	1.7	5.9	11.4	11.2	11.1	9.1	5.3	-2.5
-2.1	5.3	8.5	12.3	11.5	11.1	9.5	8	-1.5
0.1	2	8.2	10.7	14.9	12.2	9.6	8.1	1
-0.5	4.5	7.1	11.7	12	11.5	8.7	6.4	0.7
-3.4	2.4	10	10.2	14.3	11.3	10	7.3	0.9
-3.4	0.8	5.7	12.5	12.6	12.8	9.6	4.5	2.6
-4	4.5	9.6	9.5	14.2	14.7	7.5	5	-0.8
1.5	2.3	7	11.2	13.5	12	6.3	2.6	0.4
-0.9	0.3	8.5	11.6	12.5	14.4	10.7	3.5	-1.5
2.3	3.3	6.8	9.3	11.1	14.1	9.4	-0.1	0.4
-0.3	2.3	8.4	10	13.8	13.8	12.7	4.5	-1.1
-4	2.8	8.7	12.9	14.9	10.8	8.3	7.2	0.5
2.6	1.3	7.9	11.7	12.6	12.2	7.3	7.8	-0.1
0.2	2	6.2	10.1	11.3	10.6	7.9	5	1.7
0.1	1.2	8.7	13.3	10.6	11.5	9.2	5.1	-1
-1.5	0.4	5.3	9.9	10.4	12.7	9.8	3.7	-1.9
2.6	3.3	8.6	11.6	11.9	12.5	10.2	4.2	-0.6
-0.6	0.4	8.8	12.2	14.4	13	12.7	5.8	2.7
-0.2	4.8	8.1	11.9	17.2	13.4	9.8	4.9	-0.1
-3	1.8	6.5	9.6	11.7	12.5	7.8	6.7	2.3
-1.6	2.5	9.2	8.6	13.5	12.7	9.9	5.3	-3.5
-1.6	4.1	10.6	11	12.5	12.6	8.5	6	2.4
-6.2	4.1	5.7	10.2	13.3	11.2	11.6	5.4	0.7
-2.9	3.6	9.5	10.8	13.4	13	8.9	6.6	-2
2.4	3.7	8.7	10.1	13.3	12.6	10.1	6.5	-0.4
2.7	2	9.6	11	12.6	14.3	7	6.9	-0.4
6.3	11.7	12.2	17.9	16.7	17.8	15.9	11.2	3.6
0.1	10.8	11.9	15.4	16.9	19	12.9	8.1	4.2
0.4	9.7	13.8	17.4	19.6	18.3	15.2	8.3	7.1
-0.5	9.8	13.7	19	18.9	16.5	14	8.2	4.6
2	7.6	11.7	16.6	17.1	15.8	14.4	6.4	0.7
3.7	10.5	13.6	17.1	17.4	16.6	13.6	12.5	3.5
5.5	8.7	14.3	16.5	19.8	17.7	15.5	10.5	3.3
4.5	10.2	13.1	18	17.5	16.9	13.9	8.6	5
0.3	8.6	16.4	16.3	19	16.6	14.1	9.5	5.5
1.4	7.9	12.5	17.5	17.8	17.5	12.8	8.2	5.7
1.4	9.7	15.7	15.7	19	19.8	11.9	7.8	3.2
5.9	8.5	13.5	17.6	19.3	17.1	11.6	6.6	4
4.4	7.4	13.9	16.6	18.4	18.6	14.9	6.9	1.5
6.7	8.3	12.6	15.1	16.8	19.3	13.7	6	3.8
4.6	8.3	14.7	16.3	18.7	18.5	17	8.6	2.5
1.2	9.1	13.7	17.1	19.6	16.2	13.3	10.2	5.7
6.8	7.4	13.5	17.8	17.9	16.9	12	9.6	5
5	7.4	12.3	15.9	16.3	16.4	13.2	9.7	1.9
4.6	7.6	14.9	19.3	16.7	17.6	14.5	7.8	4.2

2.4	6.4	11.5	16.3	17	17.5	13	8.6	1.9
6.7	7.9	14.5	17.9	18	17.9	14.8	9.6	3.5
4.2	6.7	14.2	17.4	19.2	18.8	17	9.8	4.6
5	11.1	15.5	17.2	21.7	19.4	14.9	8.8	1.3
2.7	8.7	13.6	15.7	17	18	13.6	10.3	4.1
3.2	8.7	15.4	14.8	18.9	18.1	13.9	8.3	0.1
2.5	11	16.4	17.2	18.3	18.2	12.9	8.6	4.2
-0.8	9.1	12.5	16.9	19.3	16.5	16.1	10.2	4.7
2.1	9.1	15.8	16.9	19.6	19.1	14.6	9.1	-0.3
6.6	10.4	14.3	15.8	19.4	19.1	15.1	10	1.9
7.4	8.4	14.9	17.1	17.9	19.2	12.3	9.6	4.7
4.4	10.6	10.2	16	14.9	15.2	14.4	8.4	2.3
-1.5	8.3	9.8	13.4	15.1	16.5	11.4	6.5	1.7
0	8	11.7	16.4	17.8	16.3	13.4	6.7	5.9
-1.2	8.3	12.5	17	17.2	14.6	11.8	6.4	4
-0.1	6	10.3	15.5	15.7	14	12.5	5.8	0.1
1.9	8.7	12.3	16.3	16.4	15	12.2	11.1	1.8
3.8	6.4	12.2	14.9	18.5	15.8	13.1	9.8	1.9
3.2	8.4	11.5	16.3	16	15.3	11.9	8	3.2
-0.1	6.4	13.9	14.2	17.3	14.6	12.9	8.1	3.5
0.1	5.3	10.1	16	16.6	16	11.4	7.1	4.3
-0.7	8	13.5	13.6	17.1	18	10.2	6	1.8
4.4	6.7	11.6	15.3	17.2	15.7	9.6	4.4	2.6
2.5	4.7	12	15.3	16.3	16.6	12.8	5.5	1
5.9	7.1	10.6	13	14.8	17.1	11.9	3.8	2.5
3.2	6.5	12.7	14.3	17	16.6	15.1	6.8	1.1
-0.5	6.6	12.4	16	18.2	13.6	11	8.8	3.9
5.3	5.4	12.3	16	15.8	15.4	10.4	8.7	3.6
3.8	6.2	10.9	14.4	14.9	14	11.6	7.9	1.2
3.6	5.7	13.3	17.5	14.6	15	12.1	6.6	2.1
2.4	4.6	10.1	14.8	14.8	16	12.4	6.5	1.3
5.9	7.1	13.1	16.3	16.2	16.5	13.2	8	3.5
3.3	5.4	13.2	16.4	17.9	16.9	14.9	8.6	3.5
3.2	9.2	12.8	16.1	20.3	17.8	12.8	7.9	1.2
1.3	6.2	11.4	13.9	15.4	16.2	11.9	8.8	3.8
2	6.7	13.5	13	17	16.9	13.2	7.5	-0.3
2.1	8.8	15	15.6	16.5	17.1	11.8	8.4	3.6
-2.9	8.1	10.5	14.7	17.5	15	15.3	8.9	3.4
0.9	7.9	14	15.1	17.8	16.7	12.8	9	-0.3
5.9	8.3	12.7	14.6	17.4	17	13.7	9.2	0.5
6.4	6.4	13.4	15.4	16.5	18.3	10.7	8.7	3.6
6	11.7	10.7	16.2	16.2	16.3	16.1	9.3	2.6
-0.1	8.6	9.9	14.5	16.3	17.7	12.5	7.6	1.9
1.9	8.8	12.4	16.1	18.3	16.6	14	7.9	6.7
-0.2	9	13.4	17.8	18.8	15.6	13.2	7	4.5
1	6.8	11	16	15.9	14.7	12.2	6.7	0.7
2.8	9.7	12.9	17.1	16.3	15.5	12.8	11.4	1.7
4.7	6.5	12.6	15.3	19.2	16.6	13.8	10.4	2.9
4.2	8.5	11.5	16.5	16.9	16	12.7	9.2	2.7
1	7.3	14.2	15.1	18.8	16.5	13.9	8.7	5

1.1	6	10.8	17.5	17.5	17.3	13.1	8.3	5.2
0.1	8.9	13.8	14.4	19.2	19.3	11.5	7.8	3
5.2	7.4	11.6	15.6	17.8	16.6	10.1	5	3.7
3.2	5.1	12.9	16	16.9	17.9	14.4	6.4	1.9
6.3	7.7	11.4	14.3	15.8	18	13.3	4.5	3.1
3.3	7.2	12.7	14.7	17.9	18.4	15.7	7.3	1.8
0.7	7	13.3	17.8	19.5	15.2	12.2	8.9	4.3
6.1	6	12.4	16.3	17	16.2	11.5	8.8	4.4
4.6	7.1	11.4	15.2	16.3	15.6	12.7	8.4	2.3
4.3	6.4	13.3	18.1	15.9	16	13.2	7.3	2.9
3.2	5.2	10.2	15	15.2	17.2	13.8	8.2	2.6
7.1	7.5	13.1	17	16.9	17.1	14.5	8.8	4.2
4.3	5.9	13.4	17.5	20.1	18.5	16.6	9.4	4.1
4.6	9.4	12.8	17.6	21.8	18.1	14.3	8.9	1.4
2.1	6.6	11.5	14.8	16.5	17.3	12.6	9.9	3.8
2.5	8	14.2	14.5	18.5	17.7	14.4	8.1	0.8
3	8.2	15.2	15.8	17.3	17.5	12.5	9.1	4
-2.1	9	10.3	14.9	17.9	16.2	15.7	9	4
2.2	8.4	14.3	15.3	18.1	18	13.8	9.5	1.1
6.8	7.7	13.2	14.8	17.9	17.2	13.9	9.4	0.9
6.8	6.8	13.9	15.8	17.5	18.9	11.3	8.6	3.8
4.9	10.3	9.9	15.9	14.8	15.6	15.4	8.7	2.1
-1.9	8.1	9.4	13.3	14.9	16.8	11.7	7.6	1.3
0.4	7.6	11.5	15.5	18	16.4	13.8	7.2	5.5
-1.7	8.1	12.2	16.9	17.6	14.8	12.2	6.4	3.4
0.4	5.6	9.8	14.9	14.9	13.9	12.3	6.7	-0.8
1.6	8.6	12.1	15.8	15.5	14.9	12.1	11	1.2
3.4	6.2	12.1	14.4	18.2	15.8	13.2	9.6	1.7
2.8	8.3	10.9	16	15.9	15	11.9	8	2.9
-0.8	6.4	13.8	14.2	17.6	15.3	12.9	9.2	3.5
0	5.3	9.8	16	16.5	16.1	11.9	7	4.1
-1	7.5	13.3	13.2	17.5	18.4	10.4	7	1.7
4.2	6.2	11.3	15.2	17.3	15.6	9.8	5.3	2.7
2.8	4.4	12	14.9	16.3	17.5	13.7	5.9	0.5
5.3	6.9	10.4	12.9	14.9	17.6	12.2	3.6	1.9
3.1	6.1	12.6	14.3	17.3	17	15.5	7.3	0
-0.8	6.7	12.2	16.5	18.4	14.1	11	8.3	3.4
5.1	5	11.7	15.8	16.1	15.2	10.4	8.9	3.4
3.3	5.6	10.3	14.1	14.9	14.5	11.6	8.1	0.2
2.9	5.3	12.7	17.4	14.1	15.1	12.6	6.2	1.8
1.2	4.1	9.1	14	14.4	15.8	12.2	6.2	0.9
5.3	6.5	12.3	16	16	16.2	12.9	7.4	2.7
2.9	4.6	12.4	15.7	18	16.7	15.6	8.1	2.6
3	8.3	12.4	15.4	20.1	17.5	13	7.8	0.5
0.8	5.8	10.7	13.4	15	16	11.5	8.4	2.9
1.2	6.4	12.7	12.5	16.9	16.3	12.7	7.1	-0.9
1.1	8.4	14	15	15.9	16	11.5	8	2.9
-2.9	7.6	9.8	13.9	16.9	14.4	14.4	8	2.6
0.2	7.2	13	14.5	17.2	16.5	12.3	7.8	-1.1
5.3	7.5	11.9	13.7	16.8	16.4	13.2	8.8	0.2

5.8	5.7	12.8	14.7	16.2	18.2	10.2	8	3
5.6	11	10	16.3	15.1	15.7	16	9.3	2.5
-0.7	8.4	9.7	14.3	15.3	16.8	12.3	8.1	1.8
1.4	8.2	12.1	15.8	17.8	16.2	13.7	7.2	6.1
-1.1	8.4	13.4	17.6	18.5	15.3	13.1	6.5	3.6
0.5	6.4	10.3	15.2	15.2	14.8	11.8	6.8	-0.5
2.5	9.4	12.9	16.5	15.7	15.1	12.6	10.9	1.1
4	6.3	12.6	14.8	18.9	16.4	13.3	10.3	2.2
3.6	8.3	10.9	16.1	16.5	16	12.7	8.8	2.3
-0.4	6.4	13.9	15	18.7	15.9	13.5	8.8	3.7
0	5	10.5	16.6	16.7	16.4	12.5	7.6	4.4
-0.1	8.3	13.5	13.5	18.5	18.6	11.3	7.6	2.1
4.7	6.7	11.2	15.2	18	16.3	10.4	5.4	2.9
3.3	4.5	12.6	15.9	17.1	18.1	14.6	6.2	1.3
5.4	7.8	11.1	13.7	15	18	13.3	4.2	2.4
2.7	6.4	12.4	14.5	17.7	18.2	15.7	6.4	1.2
-0.3	7	12.9	17.4	19.2	15.4	12	8.4	3.8
5.4	5.1	11.6	16	16.6	15.9	11	8.4	3.5
3.7	6.5	10.9	14.1	15.3	14.6	11.4	7.7	2.3
3.1	5.9	12.9	17.8	14.7	15.7	12.5	6.3	2.3
2.1	4.9	9.8	14.8	14.5	16.3	12.7	6.7	1.1
5.8	6.7	12.9	16	16	16.5	13.7	7.5	3.3
3.6	5.6	13.1	17.1	19.3	17.4	16	8.8	3.7
3.4	8.8	12.1	16.2	21	17.6	13.3	8.1	1.3
1.5	6.3	11.2	13.9	16.1	16.8	11.7	8.9	3.1
1.8	7.1	13.7	13.6	17.9	17	13.6	7.9	-0.2
2.4	7.9	14.6	15.8	17.1	16.7	11.7	8.5	3.7
-2.2	8.7	10.5	14.5	17.5	15.3	14.8	8.2	3.9
1.2	8.4	14.1	14.9	17.5	17.2	12.8	8.7	0.6
6.2	7.7	13.8	15	17.8	16.9	14.3	9.2	0.4
6.4	6.9	14.4	15.9	17.3	19.1	11.2	8.4	3.3
6.4	11.6	11.8	18.1	17.3	18.1	16.9	10.4	3.5
0	10.2	11.4	15	16.9	19.1	13.1	9.2	3.1
1	9.7	13.7	17.6	20.4	18.8	15.7	8.9	7
-0.3	9.9	13.7	18.9	19.7	17.1	14.5	8	4.9
1.9	7.8	11.9	16.6	17.3	16	14.4	7.2	0.7
3.5	10.4	13.8	17.2	17.6	17.1	14.1	12.6	2.9
5.4	8.7	14.1	16.3	20.2	18.3	15.1	10.8	2.9
4.8	10.3	13	17.9	18.4	17.1	13.8	9.2	4.6
0.6	8.9	16.1	15.8	19	16.9	14.8	10.6	5
1.7	7.7	11.7	17.8	18.4	18.2	13.7	8.4	5.7
1	9.5	14.9	15.4	19.5	20.5	12.6	8.3	3.4
5.8	8	12.9	16.9	19.2	17.7	11.9	6.9	3.9
4.6	6.6	14	16.8	18.4	19.6	15.3	7.5	2
6.8	8.6	12.5	14.8	17.3	19.8	14.2	5.6	3.3
4.7	8.2	14.3	16	19.1	18.6	16.9	8.5	1.7
1	8.7	13.9	18.2	20	15.8	12.6	9.5	5.1
6.9	6.9	13.2	17.6	18.2	17	12.2	10.3	4.8
5	7.3	11.9	15.7	16.7	16.6	13.6	9.7	1.1
4.7	7.2	14.6	18.9	16.3	17.2	14.4	7.5	3.5

2.5	6.1	10.8	15.7	16.4	17.8	13.8	7.9	2.1
6.8	8.2	13.8	17.8	17.9	18.6	14.7	9	3.9
4.5	6.6	13.9	17.4	19.4	18.9	17.3	9.5	3.8
4.8	10.4	14.2	17.4	22.4	19.8	14.8	9.4	1.7
2.6	7.8	12.6	15.2	16.6	17.6	13.2	9.7	4.3
2.6	8.6	14.6	14.5	18.6	17.8	14.3	8.5	0
2.5	10.4	15.6	16.7	17.9	17.8	13.4	9.3	3.9
-1.4	9.3	11.8	16	18.9	16.3	16.2	9.6	4.1
1.9	9.1	15.3	16.5	19.5	18.6	14.2	9.2	0.1
7	9.5	13.7	15.7	19.1	18.4	15	10.4	1.9
7.5	7.7	14.7	16.7	18.2	19.9	12.3	9.6	4.6
4.6	9.9	8.4	14.8	13.5	14.3	14.6	8.3	1.7
-2.2	6.9	7.9	12.7	13.7	14.9	10.9	6.7	0.7
0.5	6.9	10.8	14.3	16.2	14.7	12.3	6.3	5.4
-2.2	6.9	12	16.6	17.2	14.1	12	5.6	2.8
-0.5	5.1	9.4	14.4	14.1	13.7	11.2	6.4	-1
1.2	8.1	11.6	15.5	14.6	13.9	11.4	10	0.1
3	4.9	11.3	13.4	17.4	14.7	12	9.4	1.8
2.1	7.1	9.5	14.9	15	14.7	11.3	8	1.2
-1.3	5	12.3	13.7	17.6	14.5	12	8	3.1
-1.1	3.6	9.2	15.5	14.9	14.7	11.1	6.6	3.3
-1.3	6.7	11.9	12.2	16.9	16.9	9.6	6.4	1.2
3.4	5.3	9.7	13.8	16.8	14.2	8.8	4.2	1.9
1.7	3.2	11.1	14.6	15.6	16.3	12.8	5.3	0.5
4.3	6.1	9.7	12.7	14.1	16.2	11.6	3	1.6
1.8	5.2	11.3	13.6	16.8	17.5	14.5	6	0.5
-1.4	5.5	11.9	16.1	18.3	14.5	11	7.5	2.8
4.3	4.1	10.8	15	15.6	14.8	10.1	8	2.7
2.8	5.3	10.1	13.1	14.4	13.4	10.5	7	1.6
2.1	4.8	11.7	16.7	13.9	14.5	11.4	5.4	1.3
1.2	4	9	13.6	13.5	15.2	12	5.9	0.6
5	5.8	11.5	14.8	15	15.2	12.5	6.7	2.4
2.6	4.4	11.5	15.5	17.6	16	14.6	8	3.4
2.3	7.4	11	15.4	19.9	16.5	12.1	7.3	0.5
0.1	5.2	9.6	12.6	14.4	15.6	10.8	8.5	2.3
1.1	6	12.5	12.1	16.6	15.5	12.1	7	-1
1.5	6.4	13.6	14.7	16	15.3	10.2	7.2	3.1
-3.4	7.5	9	13.2	16	13.9	13.3	6.9	2.6
0	7	13.1	13.5	16.4	15.8	11.7	7.7	-0.3
5.2	6.3	12.4	13.9	16.7	15.4	13.2	8.3	-0.6
5.1	5.5	12.6	14.4	15.4	17.1	9.7	7.2	2.4
4.9	10.6	9.3	15.7	14.7	15.1	15.2	9.7	3
-1.4	8.5	9.2	13.3	14.5	15.6	11.8	8.1	2.9
0.8	7.8	11.6	15.8	17.6	16.3	13.4	7.7	6.8
-1.6	7.8	12.7	17.3	17.5	14.4	12.5	6.7	3.4
0.2	5.8	9.9	14.9	15.1	14.7	13	7.2	-0.5
2.1	8.6	12.1	16.2	15.5	15.1	11.6	11.2	2
4.4	5.6	12.6	14.3	18.3	15.6	13.6	10.9	3
3.1	8	10.5	16	15.3	15.5	12.5	8.9	2.9
-0.8	6.2	13.6	14.5	17.6	15.2	12.6	9.7	4.3

-0.4	5	10.2	16.1	16.5	15.8	11.6	7.6	4.7
-0.4	7.7	13.5	13.3	17	18.1	10.5	7.3	2
4.7	6.3	11.3	14.6	17.8	15.2	9.7	5.8	3.5
2.9	4.2	11.9	15	15.9	16.5	13.3	6.3	1.6
5.7	6.4	10.2	12.7	14.7	17.2	12.8	4.6	3.4
3.6	5.9	11.4	14.2	17.2	17.4	15.7	7	1.4
-1	5.5	11.5	15.2	17.9	14.4	11.6	9.7	4.3
5.1	4.6	11	15.2	15.1	15.2	10.4	9.6	4
3.6	5.7	10.7	13.8	14.7	14.1	10.8	8.4	2.6
2.9	5.8	13.1	17.3	13.6	15.3	11.9	7.3	2.6
1.4	4.1	9.2	14.1	14	15.4	12.3	7.2	1.4
5.7	6	13.2	15.8	15.9	15.7	13.2	7.8	2.8
3.6	4.9	12.4	15.8	17.9	17.2	15.2	9.6	4.3
3.6	8.7	12.3	15.5	19.1	16.8	13	8.5	2
0.9	5.8	11.3	13.1	14.4	15.8	11.6	9.6	4.3
2	6.7	13.2	12.2	16.5	16.2	12.1	7.8	0.1
2.5	7	14.3	14.7	15.9	15.7	10.5	8.6	4.7
-2.5	7.7	9.6	14.2	16.4	14.4	13.6	9	4
0.7	7.2	13.9	14.6	17.1	16.2	12.4	8.7	0
5.5	7.8	12.8	14.3	16.9	16.5	13.9	9.9	1.5
6.2	6.7	13.2	15.2	15.8	17.3	10.6	9.3	3.9
-0.9	5.2	4.4	11	9.3	10.4	11	5.7	-0.3
-7.1	3.3	3.8	7.2	9.3	11.8	6.8	5.2	-1.3
-4.3	2.3	7.6	10.2	13.2	12.2	9.9	2.9	2.3
-5.7	2.9	6.9	12.7	12.1	10	7.6	3.8	-1.2
-3.7	0.2	4.1	9.7	10	9.3	8.6	4.3	-4.4
-4	3.7	7	10.7	11.1	10.6	7.4	7.4	-2.3
-2	0.6	7.4	9.8	13.8	11.6	10.6	6.3	-0.8
-2.7	4	6.7	11.5	10.3	10.7	8.3	4	0.4
-4.9	1.6	9.5	8.9	12.2	10.5	8.5	5.8	-0.4
-4.8	-0.1	5	10.7	11.1	11.5	6.6	2.5	0.7
-5.9	1.9	9.6	8.5	12.1	13.2	5.3	2.8	-2.1
-0.1	1.4	6.6	10.7	13	10.7	5.3	0.9	-1.7
-2.5	-0.4	6.7	9.1	11	12.7	9	2	-4.1
1.4	1.4	5.2	7.4	9.6	13.4	8	-1.3	-1.9
-0.8	0.4	8.1	9.2	12.2	11.9	11.3	4	-2.6
-6.6	1.4	6.9	9.5	12.8	9.1	6.8	6.3	-0.6
0.3	-0.4	6.2	10.6	10.2	10.6	5.4	6.2	-1.4
-2.1	0	4.8	9	9.6	9.1	5.6	4.2	0.8
-1.5	0.7	7.8	12.5	8.7	10.7	8.9	2.6	-2
-4	-1.2	3.4	8.4	9.4	10.3	7	2.1	-3.4
0	0.6	7.6	10.5	11.1	11	8.7	3.4	-2.9
-2	-1.6	7.8	10.4	12.5	12.4	11.6	5.4	0.4
-2.2	3.5	8.9	10.4	13.8	12.5	8.7	3.1	-2.7
-4.6	1	6.1	7.7	9.4	11.6	7.4	4.8	0.9
-2.2	0.9	8.2	6.8	11.8	11.8	7.2	4.2	-4.6
-2.1	3.7	9.4	9.5	10.7	11.6	6.8	4.1	0.3
-9	1.1	4.4	9.8	12.4	9	9.2	4.1	-1.5
-5.5	1.3	8	9.1	12.9	12.3	7.7	4.5	-5.2
-0.1	3.8	7.2	8.3	11.8	11.8	9	4.6	-2.3

1.1	0.9	7.7	9.9	10.9	12.9	4.8	4.9	-1
5.2	10.9	10.3	16.4	15	15.9	15.8	10.5	3.6
-1.6	9	9.4	13.5	14.9	16.9	12	8.5	2.9
0.4	7.6	12	15.8	18.4	17.3	14.2	7.8	6.9
-2.5	7.7	12.6	17.3	17.2	14.9	13	7	3.5
1.3	5.5	9.4	14.8	15.1	15	14.2	7.7	-0.2
1.8	8.7	12.2	15.8	16	15.6	12.4	11.6	2.1
4.3	6.1	12.5	15.1	18.3	16.4	15	11.3	3.6
3.2	8.5	10.8	16.1	15.6	15.9	12.9	8.4	3.9
-2.1	6.4	13.9	14.9	17.5	15.6	13.6	9.5	4.5
0.1	5.6	10.7	16	16.4	16	11.9	7.6	4.9
-0.6	7.6	14	13.8	17.3	18.5	10.7	8.2	1.9
4.5	6.2	11.6	15.2	17.8	15.3	10.5	5.5	3.6
3.2	4.8	11.8	14.4	16.5	17.6	14	6.8	1.5
4.8	6.9	10.4	13.2	15.1	17.5	12.8	4.4	3.4
3.5	6.1	12.3	14.4	17.4	17.2	16.3	7.7	1.6
-1.2	6.2	12	15.1	17.7	14.6	11.5	9.4	4.2
5.5	5.1	11.3	16	15.7	15.2	10.2	10.3	4
4.1	5.1	10.5	14	14.8	14.7	11.1	9	3.3
2.9	5.2	13.2	17.1	14.4	15.6	12.8	6.6	2.6
0	4.2	8.8	14.3	14.9	15.6	12.4	7.4	0.8
5.5	5.9	12.8	15.8	16.1	16	13.4	8.2	2.5
3.5	4.8	12.6	15.4	17.5	17.7	15.9	9.3	4.9
3.5	9	13.2	15.3	19.5	17.9	13.8	8.7	2.3
0.5	6.7	11.4	13.3	14.7	16.8	11.8	9.9	3.8
2	7	13.7	12.6	16.6	16.4	12.8	8.2	-0.7
1.6	8.6	14.1	14.6	16.1	16	10.7	9	4.9
-3	7	10.2	14.7	16.9	14.5	14	8.8	3.8
0.3	7	13.3	14.8	17.3	17	12.9	8.4	-0.3
5.5	7.9	12.5	13.7	16.7	16.9	13.8	9.9	1.8
6.3	6.2	12.9	14.9	16.4	17.9	10.5	9.7	3.7
3.4	8.7	7.2	14.1	12.5	13.6	14.4	7.6	0.9
-3.6	6.2	7	11.4	12.5	14.1	10.1	6.9	-0.2
-0.3	5.7	9.8	13.5	16.4	14.1	11.9	5.8	4
-3.8	5.9	11	15.6	16.5	13	11.1	4.4	1
-1.8	3.9	7.9	12.8	13	13	10.5	6.3	-2.4
-0.5	6.8	10.5	14.3	13.3	13	10.3	8.9	-1
1.6	3.6	10.1	12.4	16.4	14	11.6	8.6	0.9
1.1	6.5	8.2	13.7	13.6	13.6	10.6	7	0.6
-3	3.7	11.6	12.5	15.9	13.8	11.1	8.2	1.6
-2.3	2.4	8	14.3	14	14.2	10.2	5.3	2.4
-2.4	5.4	11.4	11	15.6	16.4	8.9	6.6	-0.1
2.4	3.8	9	12.8	16.1	13.1	8.5	4	1.1
1.2	2	10.2	13	14.5	15.7	12.4	4.3	-1
3.1	5.2	8.5	11.3	12.5	15.3	10.7	1.9	0.6
1	3.6	9.5	12.1	15.8	16.2	14	6.2	-1.2
-2.9	4.3	10.1	14.5	16.8	13.3	9.7	6.6	1.4
3.1	2.5	9.5	13.3	13.4	13.5	8.4	7.6	1.4
1.2	4.2	8.8	12.2	12.7	12.4	8.7	6.3	0.7
0.6	3.3	10.6	15.3	11.6	13.4	10.7	4.2	0.3

-0.9	2.2	7.4	11.9	12.1	13.7	10.8	4.6	-1
3.4	4.2	10.6	13.2	13.4	13.8	11.6	5	0.5
1.3	2.7	10.4	13.8	16.4	15.4	14.4	6.7	2.1
1	6.2	9.9	13.8	18.4	15.6	11.4	6.3	0.5
-1.5	3.8	8.5	10.7	12.3	14.5	9.2	7.4	0.9
-0.7	4.7	11	10.2	14.5	14.2	10.7	6.3	-2.5
-0.1	4.7	11.9	13	14.4	13.8	9	6.5	2.5
-4.6	5.9	7.2	11.5	14.3	12.3	11.9	5.7	1.1
-1.7	5.4	11.6	12.5	14.9	14.7	10.3	6.1	-1.9
3.8	5.2	11.2	12.6	14.7	14.6	12	7.8	-0.3
4	4.3	11.8	13	13.8	16.2	8.2	6.7	0.9
5.9	11.2	11.2	17.5	16	16.9	14.9	10.4	3.5
-0.5	10.2	11	14.7	16.3	18.3	12.4	7.9	4
-0.1	8.7	13.1	17	19.1	18.2	14.8	8.2	7.9
-1.1	8.5	13.2	18.5	18	15.7	12.9	8	4.3
2.4	6.9	11.3	16.3	16.7	15.6	14.8	7.1	0.7
3.1	10.1	13	16.5	17.1	16.5	13.4	12.5	3.4
5.2	7.5	13.9	16.4	19.7	17.7	15.8	11.3	4
4.3	9.8	12.5	17.6	17	17	13.9	8.8	5.2
0	7.8	15.6	16.2	18.8	16.5	14	9.2	6
1.6	7.8	12.1	17.3	17.7	17.2	12.4	8.3	6
0.5	9.1	15.1	15.5	18.5	19.3	11.6	8	2.6
5.6	8.1	12.9	17	18.8	16.6	11.5	6.2	4.7
4	6.9	13.2	16	17.8	17.4	14.2	7.3	1.9
6	8.1	12.2	14.5	16.6	18.7	13.3	6	4.3
4.9	7.8	14.3	16.1	18.7	18.1	16.7	8.5	2.5
0.8	7.9	13.3	16.4	18.7	15.2	12.9	9.9	5.6
6.5	6.8	12.9	17.8	17.5	16.7	11.7	10	5.3
5	6.6	11.9	15.7	16	15.6	12.3	9.3	2.6
4.7	7	14.5	18.6	16.3	17.1	13.7	7.4	4
1.9	5.7	10.6	15.6	16.6	16.8	12.6	8.6	2.1
6.7	7.1	14.3	17.3	17.9	17.6	14.5	9.7	3.7
4.3	5.9	13.7	17.1	18.7	18.3	16	9.9	5.2
4.7	10.3	15.3	16.8	20.2	18.1	14.4	9.4	2.1
1.9	7.8	13	14.8	15.9	17.2	13.1	10.5	3.6
3.4	8.2	14.5	13.9	18.2	17.3	13.5	8.3	0.5
2.4	9.9	15.2	16.2	17.4	17.3	12	8.8	4.9
-1.7	8.3	11.4	16.5	18.9	15.8	15.2	9.5	4.5
2.1	7.8	14.8	16.1	18.9	18.2	14.2	8.5	-0.2
6.1	9.8	13.4	14.9	18.2	17.9	14	10.5	2.2
6.8	7.7	13.9	16.3	17.6	18.2	11.9	9.4	5
3.5	9.1	8.6	14.9	13.6	14.5	15	8.3	1.3
-3.1	7.4	8.3	12.3	13.9	16.1	10.8	7.8	0.5
-0.9	6.4	10.4	14.3	17	15.3	12.7	6.3	4.9
-3.2	7	11.3	16.3	16.8	13.9	11.5	5.7	2
-0.5	4.3	8.4	13.5	14.2	13.6	11.7	6.4	-2.4
0.2	7.5	11.1	14.7	14.6	14.2	11.3	10.1	0.1
2.3	4.9	11.1	13.6	17.5	15.4	13.2	9.4	1.4
1.7	7.5	9.7	15.1	14.6	14.3	11.5	7.1	2.3
-2.6	5.6	13	13.2	16.5	14.2	12.4	9	2.5

-1.3	4.1	9.1	14.6	15.1	15.1	10.9	6	3
-2.1	6.3	12.5	12.1	16.2	17.4	9.3	6.4	0.3
3.3	4.8	10.1	14	16.3	13.6	8.7	4.2	1.6
1.7	3	10.8	13.4	14.8	16.7	12.9	5	-0.8
4.1	5.5	8.9	11.7	13.5	16.6	11.4	2.9	1.6
2.2	4.8	11.2	13.2	16.4	16.1	14.9	6.6	-0.7
-2.4	5.5	11	14.8	16.9	13.4	10	7.8	2.5
4	3.6	10.3	14.4	14.3	14.2	9.2	8.5	2.2
2	4.4	9.1	12.8	13.5	13.1	9.7	7.1	-0.2
1.7	4.3	11.9	15.9	12.4	14.2	11.8	5.2	1
-0.7	3	7.9	12.9	13.2	14.8	11	5.5	-0.3
4	4.8	11.5	14.4	14.8	15.2	12.5	6.6	1.1
2	3.3	11.3	14.7	16.8	16.3	15.4	7.8	2.4
1.9	7.5	11.9	14.2	18.7	16.6	12.5	6.9	0
-0.7	5.2	10.1	11.9	13.4	15.2	10.5	8.2	2.2
0.2	5.2	12.1	11.3	16	15.1	11.4	6.3	-1.8
0.3	7.1	12.7	13.4	15.2	15.2	10.4	7.4	2.4
-4.3	6.3	8.9	12.9	15.7	13.3	13.4	7.3	1.9
-0.8	6.1	12.3	13.6	16.5	16.2	11.5	6.9	-2.2
4.2	6.9	11.2	12.6	15.7	15.6	12.9	8.4	-0.1
4.6	4.6	12	13.9	14.9	17.3	9.1	7.5	1.8
5.3	10.8	10	15.8	15.3	15.4	15.3	8.6	2
-0.7	8.3	9.6	13.8	15.1	16.8	11.9	7.1	1.7
1.1	8.1	11.9	15.9	17.7	16.3	13.7	7.2	6.2
-0.8	8.3	13	17.1	18.2	15.1	12.5	6.4	3.8
0.9	6.1	10.3	15.4	15.4	14.4	11.7	6.2	-0.1
2.3	9.3	12.5	16.4	15.6	14.8	12.4	10.9	1.2
4.1	6	12.3	14.6	18.5	15.9	13.1	9.7	2
3.4	8.2	11	15.4	16	15.3	12.1	8.4	2.4
0.2	6.7	13.7	14.4	18.2	15.4	13.1	8.2	4.1
0.5	5.5	10.4	16.5	16.9	16.3	12.2	7.5	4.5
-0.4	8.2	13.1	13.4	17.9	18.4	10.6	6.9	2
4.4	6.7	11.4	15.2	17.3	15.8	9.6	4.7	2.7
2.6	4.7	12.6	15.6	16.2	17.2	13.9	5.7	1.3
5.9	7.3	10.7	13.5	14.9	17.4	12.7	4	2.5
2.7	6.5	12.4	14.2	17.3	17.3	15.2	6.6	1
-0.3	6.5	12.6	16.6	18.7	14.1	11.5	8.5	3.7
5.5	5.2	11.7	15.7	16.1	15.6	10.7	8.3	3.6
3.7	6	10.4	14	15	14	11.5	7.5	1.6
3.3	5.6	12.6	17.3	14.7	15.2	12.1	6.3	2
2.3	4.3	9.6	14.4	14.1	16	12.4	6.6	1.5
6	6.9	12.5	15.8	15.8	15.9	13	7.6	3.3
3.4	5	12.8	16.2	18.6	17	15.3	8.6	3.6
3.4	8.6	12	15.9	20.4	17	12.7	7.8	1
1.3	5.7	10.6	13.6	15.4	16	11.4	8.8	3.1
1.7	6.7	13.2	13	17.3	16	12.5	7.1	-0.4
2	7.9	14.3	15.1	16.1	16.2	11	7.8	3.2
-2.6	8.3	9.9	14.1	16.8	14.7	14.5	8	3.2
1.3	7.6	13.8	14.4	17.1	16.5	12.3	8.7	0.1
6.1	7.5	12.5	14.4	17.1	16.1	13.2	8.6	0.3

6.2	6.3	13.2	15.1	16.4	18	10.7	8.2	3.2
6.4	12	12.2	18.2	17	17.5	15.9	10.9	3.7
0.4	10.8	11.5	16	16.8	18.4	12.6	8.4	4.7
1	9.9	14.4	17.6	19.6	18	15.3	8.2	7.3
0.1	9.9	14.1	19.4	19.1	16.5	13.9	8.3	4.6
2.8	8.1	12.1	16.8	17	16.1	14.6	7.3	0.9
4	10.9	13.8	17.4	17.5	16.7	13.5	12.7	3.9
5.4	8.7	14.6	16.7	20.2	18.4	15.8	10.8	3.8
4.5	10.3	13.3	18	17.7	17.1	14.2	8.7	5.5
0.9	8.9	16.2	16.7	19.3	16.9	14.4	9.5	5.3
1.8	8	12.8	18	18	17.9	13	8.4	6
1.4	9.7	16	15.6	19.3	19.9	12.3	8.1	3
6.2	8.9	13.6	17.8	20.3	17.7	12.1	7.2	4.3
5.2	7.6	14.4	17.2	18.8	19.3	15.4	7.4	1.7
7.3	9.3	13.3	15.3	16.8	19.8	14.1	6.3	4.2
5.2	8.6	15.4	17.1	19.7	19.5	17.2	9	2.7
1.1	9.4	14.3	17.9	20.1	16.3	13	10.2	5.7
6.9	7.2	13.5	18	17.6	16.9	12.1	9.4	4.8
5	7.4	12.5	15.9	16.2	16.2	12.7	9.7	2
4.5	7.7	15.1	19.2	16.4	17.3	14.3	7.8	3.8
2.5	6.6	12.2	16.3	16.7	17.3	13.6	8.5	2
6.8	8.3	14.1	17.9	17.9	18.3	14.9	9.5	3.6
4.5	7.2	14.8	18.1	19.9	19.1	17.4	9.9	4.5
5.2	11.2	15.8	17.9	22.2	20.1	15	9.1	1.6
3	9.1	13.5	15.7	16.6	18.4	14	10.2	4.1
3.3	9	15.9	14.8	19.6	18.1	14.2	8.7	0.9
2.9	10.9	16.4	17.6	18.3	18.5	13.4	9.6	4.2
-0.7	9.4	12.9	16.5	20	16.8	16.2	10.5	5
2.5	9.9	16.2	17.4	19.9	19	14.8	9.5	-0.2
7.1	10.6	15.1	16.6	19.8	19	15.9	10.4	2.4
7.8	8.3	15.2	17	18.5	19.6	12.3	9.9	4.7
5.3	11	9.8	16.2	15.1	15.6	16.3	9.4	2.3
-1.1	8.5	9.5	14.1	14.8	17	12.8	8.4	1.6
1.2	8.2	12	16	18.7	16.7	14.1	7.9	6.2
-1.5	8.4	13.2	17.6	18.6	15.3	13.1	6.8	3.2
0.8	6.3	9.9	15.2	15.2	15.4	12.8	7.7	-0.6
1.8	9.1	12.7	16.5	15.9	15.4	12.8	11.4	1.2
4.1	6.4	12.5	15.2	18.8	16.8	14	10.7	2.5
3.5	9	10.9	16.2	16.1	15.8	12.6	8.6	2.8
-0.7	6.7	14.2	15	18.1	15.9	13.8	9.8	3.7
0.4	5.3	10.6	16.4	17	16.6	12.6	7.1	4.5
-0.1	8.2	13.8	13.5	18	19.1	11.1	7.9	1.7
5	6.5	11.8	15.1	18	15.8	10.5	5.7	3.1
3.6	4.7	12.5	15.4	16.9	18.2	15	6.4	1
6	7.8	11.2	13.5	15.1	17.7	12.9	4	2.8
3.7	6.5	12.3	14.3	17.9	18	16.4	6.8	1.1
-0.7	7.1	12.7	16.6	18.9	15.4	11.9	9.2	3.9
5.7	5.3	12.1	15.9	16.2	15.8	10.9	9	3.6
3.7	6.5	11.2	14.7	15.2	15	11.6	8.2	2.2
3.2	6	13.3	18	14.2	15.9	13	6.6	2.3

1.6	4.7	9.7	14.4	14.1	16.1	12.6	7.1	1
5.8	6.8	13	16.1	15.8	16.5	13.8	7.6	2.9
3.4	5	12.8	16.2	18.3	17.3	16.3	8.8	3.6
3	8.6	12.5	15.8	20.6	17.8	13.3	8.1	1
1.2	6	10.9	13.3	14.6	16.4	11.3	8.9	3.2
1.6	6.6	13.2	12.5	17.2	16.6	12.5	7.3	-0.8
2.1	8.2	14.4	15.2	16.3	16.3	11	8.2	3.6
-2.6	8	10	13.9	16.7	14.7	14.4	8.2	3.1
0.8	7.7	14.2	14.5	17	16.6	12.5	8.4	-0.6
5.7	7.7	12.9	14.5	17	16.8	13.7	9.3	0.4
6.1	6.3	13.6	15.4	16.9	18.3	10.6	8.5	3
5.9	11.5	11.7	17.9	16.3	16.6	15.1	10.5	4.1
-0.3	10	11.1	14.7	15.9	17.8	12.2	7.9	4
0.3	8.3	13	16.5	18.6	17.8	14.7	8.2	7.8
-1.2	8.5	13.7	18.4	17.9	15.9	12.8	7.6	4.6
1.9	6.8	11	15.7	16.3	15.3	14	7.4	0.6
3.3	9.8	12.8	16.4	16.9	16.2	12.9	11.9	3.2
5.2	7.4	13.8	16.3	19.4	17.2	15.2	12.4	4.2
4.3	9.7	12.6	17.7	16.8	16.7	13.3	8.8	4.9
-0.2	7.3	15.6	16.2	19	16.5	14.3	9	5.9
-0.3	6.6	12	17.4	18.2	18	12.9	8.2	6.1
0.2	9	15.2	15.8	18.9	19.5	11.3	8.5	2.8
5.4	8.3	12.9	17.3	19	17	11.8	6.3	4.7
3.4	6.3	13.4	15.6	17.7	17.8	14.1	7.1	2
5.6	7.8	11.8	14.4	16.2	18.5	13.3	5.6	4.4
4.5	7.7	15.2	16.7	19.3	18.4	16.8	8.6	2.7
-0.3	7.4	12.4	15	17.8	14.7	12.1	9.1	4.6
6.1	6.4	12.5	17	16.7	16.2	11.1	9.8	5
4.5	5.9	11.5	15.3	16.5	15.9	12.4	9.4	3
4.5	7	14.5	18.1	15.7	16.7	13.3	7	3.5
1.7	5.5	10.1	15.1	16.1	16.3	12.5	8.5	2.1
6.5	6.6	14.2	17.1	17.2	18.2	13.6	9.4	3.8
4.2	5.7	13.7	16.9	18.5	18.7	16	10	5.3
4.4	10	14.9	16.9	20.5	18.6	14.7	9.6	2.4
1.9	8	13.4	15.5	16.5	18	13.1	10.4	3.5
3.1	8.1	14.8	14	18.1	17.6	13.5	8.4	0.2
2.4	9.1	15	15.8	17.1	16.8	11.7	8.4	5.3
-1.6	8.2	11.4	16.2	18.4	16	15.1	9	4.5
1.6	7.3	14.1	15.9	19.2	18.2	13.9	8.2	-0.2
5.7	8.9	13.1	14.6	17.7	17.7	13.6	9.9	1.8
6.8	7.5	13.5	16.1	17.4	17.7	11.7	9.2	4.9
5.4	11.6	11.9	16.9	15.5	16.4	15.7	11.1	3.3
-0.4	10.3	10.6	14.6	15.6	17.7	12.8	9.3	3.7
1	9.4	13.4	16.9	19.2	17.8	14.8	8.1	7
-0.8	9.3	13.5	18.7	18.3	15.8	13.6	7.8	4.1
2.4	7.2	10.8	15.5	16.3	15.7	14.8	7.7	-0.2
2.6	10.1	13.2	16.7	16.7	16	13.2	12.8	2.8
4.9	7.7	13.8	16.4	20	17.8	16.2	11.4	3.6
4.5	10.5	12.7	18	17.5	16.9	14.4	9	5.1
-0.1	8.4	15.2	14.7	18.3	15.9	14.4	10	4.5

0.7	6.5	11.5	16.6	17	17.1	12.5	7.8	5.3
0.7	8.9	15.4	14.8	18.5	19.8	11.7	8.2	2.4
5.7	7.2	11.9	15.8	18.3	16.2	11.2	6.4	3.1
4.1	6.2	12.9	15.4	17.3	18	14.4	6.6	0.9
6.3	7.8	12.1	13.9	15.4	18.4	13.7	5.9	4.4
3.9	6.5	14.2	14.8	17	18.8	16.5	8.2	2.1
-0.5	7.6	12.1	15.6	17.8	14.6	12.5	9.2	4.5
5.2	6	12	16.7	15.4	15.3	10.8	9.3	3.6
3.4	6	11	14.6	15.5	15.1	12.2	9.4	0.9
3.4	6.3	13.6	16.8	14.3	15.9	13.7	7.9	2.5
1.3	4.7	9.6	13.4	14.2	15.9	12.4	7.1	0.8
5.3	6.2	12.8	16.4	16.3	17.2	13.8	8.8	3
4	5.6	12.7	16	18.7	18.3	17.3	9.9	3.5
4.7	11.1	13.8	16.1	20.3	17.4	12.7	8.4	0.9
0.5	5.7	10.3	12.6	13.2	16.1	11.5	9	3.6
4.3	9.9	14.1	13.6	17.1	17	12.5	8.3	0.1
2.3	10.1	14.9	15.8	16.9	16.7	11.4	8.7	3.6
-2.1	8.2	11.4	15.6	18.9	16.2	16.1	9.8	4.5
1.5	8.3	14.7	16.2	18.4	17.7	13.9	8.4	-0.7
5.8	9.1	12.6	14.3	17.4	17.3	14.5	9.7	1.6
6.7	7	13	15.4	16.4	18.3	11.2	9.3	3.7
7.5	12.9	11.8	18.1	17.4	17.5	17.1	11	3.9
1	10.8	11.7	16.3	17	18.8	14.2	9.1	3.8
3.1	10	13.9	17.9	20.4	18.6	15.6	9.4	8.1
0.6	10.4	15.4	19.9	20.5	17.2	14.8	8.3	5.3
2.4	8.2	12.1	17.3	17.6	17.2	14.2	8	1.4
4.4	11.1	14.6	18.5	17.8	17.2	14.3	12.7	3.3
6.2	8.5	14.3	17.1	20.9	18.4	15.4	12.3	4
5.6	10.5	12.9	18.3	18.4	17.6	14.5	10.5	4.3
1.4	8.6	16.2	16.9	20.4	17.8	15.2	10	6.1
2.4	7.4	12.7	18.6	19.1	18.2	14.2	9.2	6.4
1.9	10.2	15.4	15.5	20.3	20.8	12.9	9.3	4.1
6.7	8.8	13.7	17.4	20.2	18	12.2	7.1	5.2
5.6	6.8	14.5	17.8	18.8	19.7	16.3	8.2	3.2
7.8	9.8	13.2	15.4	17.2	19.6	14.8	6.2	4.5
5	8.6	14.1	16.6	20.1	20.3	17.9	8.2	3.2
1.7	9	14.8	19	21.1	17.6	13.9	10.8	5.8
7.5	7.4	14	17.9	18.4	17.7	12.8	10.1	5.8
5.9	8.6	13	16.6	17.4	16.8	13.5	9.5	4.1
5.2	8.2	15.3	20.1	16.6	17.9	14.4	8.2	4.5
3.8	6.7	11.9	16.8	16.4	18.4	14.1	9.1	3.4
8.1	8.9	15	18.2	18.1	18.6	15.4	9.6	5.4
5.8	7.7	15.2	18.9	21	19.4	17.8	10.6	5.6
5.7	10.9	14.5	18.3	23	19.8	15.3	10.7	3.2
3.5	8.5	13.3	16	17.6	18.8	13.5	11.1	5.3
4.1	9.3	15.5	15.2	19.5	18.9	15.1	9.5	1.6
4.5	10.1	16.9	17.8	19.1	18.5	13.4	10.3	5.6
0.1	10.7	12.3	16.3	19.4	17	16.2	10.1	5.5
3.3	10.1	16.3	17.1	19.4	19.2	14.8	10.5	2
8.3	9.9	15.6	17.2	19.7	19.2	16	11.3	2.6

8.7	8.9	16.2	18	19.3	20.6	12.9	10.5	5.2
-2	3.4	2.9	9.4	7.4	8.7	9.6	3.9	-1.4
-8.4	1.5	2	5.7	7.5	9.7	5	4	-2.6
-5.3	0.5	5.9	8.5	10.9	10.1	7.8	1.3	0.6
-6.9	1	5.1	10.5	10.2	8.2	5.9	1.6	-2.4
-5.2	-1.2	2.2	7.9	8.1	7.6	6.9	3.2	-5.6
-5.3	1.7	5.2	9	9.1	8.8	5.9	5.6	-4.1
-3.2	-1	5.3	7.7	11.4	9.6	8.7	5	-2
-4.1	1.6	3.7	9.3	8.4	9	6.9	3.1	-0.7
-7.2	-0.5	7.1	7.5	10.6	8.5	6.7	4.7	-2.4
-6.3	-2	3	9	9.2	9.7	5.1	1.6	-0.4
-7.2	0.4	7.3	6.5	10.4	11.6	4	1.8	-3.4
-2.1	-0.7	4.8	8.5	11.2	9.1	3.7	-0.2	-2.7
-3.8	-2.6	4.9	7.6	9.4	10.9	7.6	0.3	-5.1
-1.1	-0.5	3.4	6.1	8	11.5	6.4	-2.6	-3.1
-3	-1.1	5.8	7.7	10.7	10.6	9.9	2.8	-3.7
-8.1	-0.5	5	8	11	7.5	5.3	5	-2
-1.3	-2.2	4.5	8.9	8.5	9.2	3.6	5.4	-2.7
-3.3	-1.6	3.3	6.8	7.5	7.5	4.1	2.9	0.5
-3.4	-1.5	5.8	10.7	6.8	8.9	7.1	0.9	-3.1
-5.6	-2.6	1.3	6.8	7.7	8.9	5.9	0.7	-5
-1.3	-1.2	5.4	8.6	8.9	9.1	7.1	1.4	-3.9
-3.8	-3.4	5.3	8.4	10.5	10.3	9.7	3.6	-0.6
-3.7	1.6	6.4	8.1	12.1	10.5	6.7	1.7	-3.6
-6.7	-0.8	4.1	5.6	7.3	9.6	5.3	3.3	-0.3
-4	-0.7	6.2	5	9.6	9.7	5.6	3	-6.1
-3.8	1.5	7	7.5	8.7	9.4	4.7	2.6	-0.9
-9.7	0.3	3.3	7.8	10.4	7.6	7.9	2.5	-2
-6.5	-0.8	6	7.8	10.5	10.1	5.9	2.6	-5.7
-1.4	1.4	5.2	7	9.8	9.9	7.4	3.5	-3.2
-0.8	-0.9	6.1	7.8	9	11.2	3.3	3.5	-2.4
4.3	9.9	9.4	15.6	14.5	15.1	14.7	8.8	2.3
-2.3	7.9	9.3	13	14.4	16.3	11.4	7.5	1.8
-0.1	7.4	11.3	15.4	17.6	16.1	13.4	7	5.8
-1.8	7.8	12	16.9	17.2	14.3	11.9	6.4	3.1
-0.1	5.5	9.6	14.6	15.1	14	12.4	6.5	-1.1
1.4	8.4	11.9	15.4	15.5	14.8	11.8	11	1.3
3.2	6	11.9	14.1	17.4	15.5	13.3	9.8	2.1
2.4	8.1	10.5	15.7	15.2	15	11.8	7.8	3.2
-1.2	6.1	13.7	14	17.2	15	12.5	8.6	3.5
-0.3	5.1	10.1	15.6	15.8	15.6	11.2	6.8	3.9
-1	7.3	13	13	16.7	17.9	10	6.5	1.5
4.3	6	11.2	14.9	17.1	15	9.7	5	2.8
2.5	4.2	11.7	14.5	15.7	16.7	13.3	5.4	0.4
5.3	6.4	10	12.5	14.6	17.3	12	3.7	2.2
3.1	5.9	12.1	14	16.9	16.5	15.2	6.8	0.3
-1.2	6.3	11.5	15.5	17.8	14	10.9	8.6	3.6
4.9	4.9	11.4	15.3	15.3	15	10.1	8.4	3.2
3	5.3	10.1	13.5	14.1	13.6	10.9	7.8	0.7
2.5	5.2	12.2	17	13.5	14.6	12	6.1	1.9

1.1	3.7	9.1	13.5	13.9	14.9	11.6	6.3	1.1
5.2	5.6	12.1	15.3	15.1	15.4	12.6	7.5	2.3
2.8	4.2	11.8	15.4	16.9	16.4	14.6	8.2	2.9
2.6	8	11.8	14.8	18.9	16.6	12.4	7.4	0.4
0.3	5.7	10.9	13	13.9	15.2	11.2	8.4	3.3
1.3	5.9	12.5	12.1	16.1	15.8	11.9	6.9	-0.8
1.3	7.8	13.6	14.1	15.3	15.7	10.6	7.6	2.9
-3.3	7.1	9.8	13.8	16.2	13.9	13.8	8	2.9
0	6.8	13.2	14.2	16.7	16.1	12.2	8	-1.1
4.8	7.6	11.6	13.5	16.4	16.1	12.9	8.6	0.2
5.3	5.6	12.1	14.7	15.6	17.4	10	8.1	3.2
4.1	9.7	8.2	14.2	13	14	15.4	8.4	1
-2.8	6.7	7.4	12.2	13.3	15.5	11.1	7.2	-0.5
0.1	6.6	10.3	13.8	16.6	14.1	12.2	6.1	4.7
-2.4	6.8	11.7	15.8	17.1	14.1	11.8	4.9	1.7
-0.7	4.5	8.6	13.8	13.3	13.5	10.7	6.1	-1.5
0.3	7.9	11	14.9	13.7	13.5	11.4	9.4	-0.7
2.1	4.3	10.7	13.1	17.6	14.9	11.8	9.4	1.3
1.8	7.1	9.1	14	14.5	13.7	10.9	7.9	0.7
-1.7	4.7	12.1	12.6	16.8	14.1	11.8	8.2	2.2
-1.5	2.8	8.5	15.1	14.5	14.8	11.7	5.7	3
-1.5	7	11.8	11.4	17.1	16.7	10	6.8	0.4
3.2	4.7	9.2	13.2	16.2	13.9	8.8	4.1	0.9
1.5	2.7	11	14.2	14.8	16.7	12.9	4.7	-0.3
4.2	6.1	8.9	12	12.9	15.8	11.4	2	1.3
1.4	4.6	10.7	12.6	16.2	16.2	14.4	5.6	-0.4
-1.7	5.6	11.4	15.8	17.9	13.8	10.2	6.9	1.9
4.2	3.2	10.1	13.9	14.8	14.2	9.2	7.3	1.7
1.9	4.9	9.1	12.5	13.6	13.1	9.7	6.3	0.2
1.3	3.8	11.2	15.6	12.8	13.7	11.4	5.2	0.4
0.5	3.1	8.2	12.4	12.5	14.8	11.7	5.2	-0.6
4.5	5.8	10.9	13.9	14	14.6	12.3	5.8	1.2
2.1	3.7	11.1	14.6	17.1	15.5	14.9	7.1	2.8
1.6	6.8	10.1	14.6	19.7	16	11.8	6.6	-0.2
-0.4	4.8	8.6	11.7	13.8	15.1	10.1	8	1.4
0.1	5.4	11.5	11	15.8	15	11.8	6.4	-1.9
0.4	5.6	12.8	13.6	15.1	15	9.9	7.3	2.6
-3.8	7	8	12.2	15.2	13.2	13.2	6.2	1.6
-0.7	6.1	12.1	12.9	15.4	15.6	10.8	7.1	-1.1
4.7	5.4	11.6	12.9	15.5	15.1	12.2	8.1	-0.9
4.7	4.7	12.7	13.4	15	17	9.3	7	1.3
4	10	9.9	15.9	14.9	16.1	15.2	9.3	2
-3.2	7.9	8.6	13.1	14.8	17.7	11.2	8.2	1
-0.7	6.8	12.2	15.4	18.6	16.4	13.2	6.7	5.6
-1.9	6.6	10.7	16.6	18	15.8	13.5	8.1	3
-1	3.7	8.4	13.1	13.8	13.9	12.2	6.6	-1.6
0.7	8	11.8	15.1	14.9	14.6	11.5	10.3	0.3
2.7	5.6	11.5	14.2	17.8	15.5	14.1	9.6	2.2
1.6	7.8	10.1	15.3	15	14.6	11.8	7.1	2.2
-2.6	6.1	13.3	13.6	16.5	14.2	12	9.4	3.8

-0.8	4.6	10.1	14.3	14.9	15.2	11.3	6.7	3.8
-1.3	5.7	13.6	12.2	16.8	17.8	10	6.7	1
4.1	5.6	10.8	14.6	16.6	15	9.3	4.4	1.9
1.7	3.5	11.6	13.6	15.8	17.1	12.4	4.2	-0.6
4.1	5.4	9.5	12	14	17.6	12	2.8	2.1
3	5	11.8	13.6	16.6	16.1	14.8	6.5	0
-2.2	5.9	10.8	14.7	17.2	13.9	10.5	8.1	2.9
4.5	4.1	10.6	15	15.3	14.5	9.5	8.6	2.5
2.6	4.5	9.6	13.5	14.2	13.6	10.2	7.3	-0.4
2.1	4.8	11.8	16.1	13.2	14.5	12	5.5	1.4
-0.7	3.2	8.1	12.7	13.6	14.6	10.7	5.5	-0.6
4.1	4.9	11.3	14.4	14.8	15.3	12.2	6.8	1
1.9	3.5	11.7	14.6	16.7	16.1	15.1	7.7	2.3
2.1	7.5	12.2	14.3	19.2	17	12.5	7.1	-0.1
-0.6	5.4	10.2	12.3	13.5	15.3	10.6	8.1	2.1
0.3	5.5	12.2	11.1	15.9	15.2	11.4	6.4	-1.9
0.1	7.4	13	14	15.2	15	10.5	7.4	2.7
-3.9	6.2	9.3	13.1	15.9	13.1	13.3	7.3	2.3
-1.1	6.2	12.4	13.7	16.5	16.2	11.4	6.8	-2.2
4.3	7	11.5	12.7	15.8	15.8	12.7	8.2	0.1
4.9	5	11.9	13.8	15	16.8	9.1	7.5	2.2
3.4	10.1	9.5	15.7	14.1	14.9	14.7	9.3	2.2
-2.2	8	8.8	13	14	15.3	11.1	7.7	2
-0.6	7.3	11.5	15.3	17.5	15.7	13.6	6.6	5.6
-1.8	7.8	12	16.9	17.2	14.3	12.1	6.5	2.6
-0.4	5.4	9.3	14.2	14.5	14.2	12.8	6.9	-1.8
0.9	8.3	11.8	15.7	15.2	14.7	11.4	11.1	1.3
2.5	5.6	12.2	14.3	17.7	15.7	13.6	9.8	2.1
1.9	8	10.4	16.1	15.4	15.3	12.6	7.7	3.3
-1.9	6.1	13.5	14.2	17.4	15.2	13	9.2	3.2
-0.9	4.5	10	15.7	15.8	15.8	11.1	6.8	3.5
-1.4	7.2	13.6	13.4	17.3	17.9	10.2	6.7	0.9
4.5	5.9	11.5	15	17.6	15.1	9.9	5.4	2.1
2.3	4.2	11.8	14.6	15.7	16.7	13.2	5.7	-0.1
5.5	6.8	10.1	12.6	14.1	17.3	12.2	3.5	2
2.8	5.7	12.4	14	16.8	17.3	15.6	6.7	0.8
-1.8	6.4	11.8	15	17.5	14.7	11.4	9.3	3.7
5.1	4.7	11.2	15.4	14.9	15.4	10.1	9	3.1
3	6	10.8	13.7	14.2	13.9	10.3	8.1	0.8
2.3	5.4	12.9	17.2	13.3	14.9	12.4	7	1.8
0.3	4	9.1	13.2	13.8	15.2	11.8	6.3	0.5
4.4	6	12.6	15.3	15.6	16	13.3	7.6	1.4
2.8	4	12.2	15.5	17.7	16.6	15.6	9	3.5
2.8	8.5	12.9	15.5	19.7	18.3	12.6	7.4	0.4
0.8	6.8	11.2	12.9	14.2	16.5	10.8	8.6	3.6
1.3	5.9	13.4	11.7	16.4	16	11.5	7.1	-0.6
1.6	8	13.9	15	15.7	15.7	10.9	7.9	3.2
-3.3	6.8	9.8	13.7	16.3	13.7	13.6	8.5	3
-0.4	7.2	13.6	14.4	16.7	16.2	11.9	8.1	-1.8
4.3	7.9	12.3	13.7	16.7	15.8	13.6	8.7	0.3

5.2	5.9	12.8	14.6	15.6	17.3	9.7	8.5	2.6
6.1	11.5	10.7	16.8	16.2	16.4	16.1	9.9	2.5
-0.5	9.5	10.5	14.9	15.9	17.6	13	8	2.6
1.6	8.9	12.9	16.7	19.1	17.5	14.5	8.3	6.7
-0.7	9	14.3	18.7	19.3	16.2	13.6	7.2	3.9
0.9	6.9	10.9	16	16.1	16	12.9	7	0
3	10	13.7	17.5	16.7	16.1	13.1	11.5	1.8
4.7	7	13.4	15.5	19.8	17	14.3	11	2.7
4.1	9.4	11.6	16.9	17.2	16.6	13.4	9.3	2.9
0.1	7.3	15.2	15.7	19.2	16.7	14.2	9	4.7
0.9	6	11.5	17.2	17.8	17.1	13	7.9	5
0.3	8.8	14.3	14.4	18.9	19.4	11.6	8	2.7
5.3	7.5	12.6	16.1	18.9	16.6	10.9	5.8	3.8
4	5.4	13.3	16.4	17.6	18.6	14.9	6.9	1.8
6.2	8.3	11.9	14.3	15.9	18.3	13.4	4.9	3.1
3.7	7.1	12.3	15.2	18.5	19	16.5	6.8	1.7
-0.2	7.5	13.6	17.7	19.9	16.2	12.2	9.3	4.1
5.4	5.6	12.2	16	16.2	16	11.2	8.4	4.4
4.1	6.8	11.3	14.5	15.5	15	12	8	2.7
3.6	6.2	13.3	18.2	14.6	15.9	12.6	6.1	2.8
2	5	9.8	14.7	14.8	16.5	12.4	7.2	1.7
6.4	7	13.2	16.3	16.4	16.4	13.8	8	3.7
3.8	5.7	13.4	16.7	18.9	17.6	15.8	9	3.9
3.7	9.3	12.6	16.2	20.7	17.7	13.4	8.7	1.6
1.5	6.5	11.5	14.1	15.7	16.7	11.8	9.3	3.6
2.3	7.6	13.8	13.4	17.5	17	13.2	7.6	0
2.8	8.1	14.8	15.7	16.9	16.8	11.4	8.6	4
-2.3	8.7	10.2	14.5	17.2	15.3	14.7	8.3	3.9
1.7	8	14.4	15.2	17.5	17	13.3	8.7	0.3
6.4	7.8	13.4	14.9	17.5	17.1	14.2	9.6	0.6
6.6	7	13.9	16.1	17.1	18.9	11.3	8.5	3.6
6.4	12.2	11.4	17.5	16.5	16.7	16.4	10.7	3.5
0.4	10.2	11	15.5	16.3	17.5	13.3	8.7	3.8
1.7	9.7	13.5	17.6	19.8	17.7	15.2	8.7	7.4
0.3	9.9	14.6	18.9	19.6	16.4	13.9	8.2	4.4
1.4	7.8	11.7	16.6	16.7	16.6	14.1	7.8	0.3
3.6	10.5	14	17.9	17.2	16.8	13.5	12.7	3
5.4	8	14.1	16.3	20	17.9	15.1	11.3	3.8
4.9	10	12.4	17.6	17.4	17.3	14	9.6	4.5
1.1	8.4	15.7	16.8	19.6	17.3	14.7	10.3	5.2
1.4	7	12.5	18.1	18.3	17.7	13.1	8.5	5.6
1.3	9.9	15.5	15.1	19.5	20.3	12.4	8	3.1
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5.1	6.5	14.2	17.2	18.3	19.2	15.8	7.4	2.3
7.5	9.4	12.8	14.9	16.4	19.2	13.9	5.6	3.6
4.5	8.2	13.9	16.5	19.4	19.6	17.2	7.8	2.3
0.9	8.6	14.1	17.6	19.8	17.1	13.3	10.4	5.3
6.9	6.8	13.4	17.5	17.3	16.9	12	9.8	4.8
5	8.2	12.9	15.9	16.7	15.8	12.5	9.1	3.2
4.4	7.9	15	19.7	15.6	17	13.8	8	3.5

3.2	6.6	11.9	16	16.1	17.5	13.8	8.4	2.7
7	8.3	15	17.9	17.6	17.9	14.9	9.1	4.3
5.1	7.1	14.6	17.7	20.2	19.1	16.7	10.5	4.8
4.6	10.5	14.3	17.9	22.1	19.6	14.4	9.6	2.4
2.9	8.3	13.1	15.5	16.5	18.1	13.1	10.2	5.2
3.4	8.8	15.3	14.6	19.1	18.4	13.9	9	1.2
3.6	9.9	16.1	17.3	18	17.7	12.4	9.5	5
-0.5	10	12.2	16.1	18.5	15.9	15.1	9.9	5
2.4	9.5	15.9	16.5	18.4	17.8	13.8	9.4	0.5
6.6	9.5	14.3	16.2	18.8	18.2	15.2	10.1	1.8
7.5	8	15	17	18.1	19.2	11.9	9.8	4.5
6.1	11.5	11.9	17.8	16.8	16.8	14.2	10.7	3.7
0.4	10.4	11.2	15.2	16.5	18.3	12.4	8.1	4.2
0.9	10.3	14.3	18.3	20.2	18.7	15.4	8.3	7.7
-0.1	9.9	13.8	19.4	18.8	16.1	13.5	7.9	4.4
2.8	6.7	11	15.7	16.5	15.1	14.3	6.2	0.7
3.6	10.6	13.4	16.9	17	16.5	13.3	13	4.2
6.3	9.4	15.3	17.6	21.3	19.5	16.3	11.5	4.4
5.6	11.5	13.9	18.2	17.8	17	14.2	8.7	5.9
1.1	9.1	16.4	16.8	19.3	17	14.9	10.1	6.1
1.9	7.8	12.4	17.6	18.2	18.5	13.9	8.4	6.2
1.9	9.7	16.2	17	19.5	20	11.9	8	3.2
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4.7	7.4	14.3	16.9	18.6	19	15	7.3	1.8
7.2	8.8	12.9	14.8	16.8	20.1	14.1	5.7	4.4
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1.1	9.2	14.1	17.3	19.7	16.2	13.1	10.7	5.9
7.3	7.2	13.5	18	18.1	17.1	12.1	10	4.8
5	7.5	12.4	16.1	16.3	16.3	12.7	9.5	1.9
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2.8	6.2	11.7	16.4	17	17.3	13.1	8.6	2
6.9	8.3	14.5	17.9	17.8	18	15.2	9.8	3.6
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5.3	11.3	15.9	17.6	21.8	19.9	15	9.1	1.6
3	8.8	13.6	15.5	16.8	18	13.8	10.3	5.1
3.4	9.1	15.5	14.2	18.9	18.1	13.8	8.7	1.1
2.8	11	16.4	17.1	18.2	18.6	12.8	9.2	4.5
-1.1	9.1	12.3	17.1	19.7	16.2	15.8	10.6	4.9
2.4	8.9	15.7	16.8	20	19.3	14.4	9.4	-0.2
6.6	10.8	14.5	15.9	19.2	18.6	14.9	10.1	2.5
7.1	8.4	15	17.1	18.1	19.5	12.3	10.2	4.9
5.5	11.1	10.9	16.8	15.7	16.6	15.1	10.7	3.5
-0.6	9.6	10	13.9	15.7	17.6	12.3	8.1	3.4
0.1	8.9	13.5	16.6	18.7	17.5	14.4	7.7	7.3
-0.5	9.2	12.7	18.4	17.9	15.6	13.3	7.6	4.1
2.2	6.4	11.1	15.4	16.2	15	14.2	7.2	0.2
2.8	10.1	12.9	16.4	16.3	16	12.7	12.5	2.8
5	7.7	13.6	15.9	19.5	17.1	15.1	11.3	3.5
3.8	10.1	12.4	16.7	16.3	15.8	13	8.2	5.1
0.1	8	15.1	15.1	17.8	15.4	13.6	9.2	4.9

0.7	6.7	11.4	16.4	16.8	16.4	12	7.4	5.6
-0.2	8.7	14.5	14.3	17.5	18.2	10.8	7.2	3.1
5.5	7.6	12.2	16.3	18.2	15.9	10.7	6.2	3.2
3.5	6	12.8	15.3	17	17.5	13.4	6.4	1
6.5	7.5	11.3	13.6	16	18.5	12.9	4.5	3.4
4.3	7.2	14.2	15.2	17.7	17.1	15.6	7.8	1.9
0.1	8.1	12.6	15.9	18.2	14.5	12	9.8	4.7
6.5	6.5	12.5	16.9	16.5	15.6	10.7	9.6	3.6
4	6.4	10.8	14.9	15.3	14.9	11.5	8.8	0.5
4.1	6.6	13.2	17.6	15.1	15.7	13.4	7	3.1
1.9	4.9	10.3	14.7	15.9	15.7	11.6	7.5	0.7
6.2	7.3	13.1	16.5	16.7	16.5	13.9	9	2.4
3.5	5.6	13.3	16.4	17.4	17.4	15.6	9.1	4.2
4.1	9.7	14.2	15.9	19.2	17.7	13.5	7.8	0.4
1.3	7.3	12.1	14	15	16.2	12.9	9.4	4.3
3	8	13.6	13	17.4	16.8	12.4	7.2	0.4
1.8	9.6	14.5	15.7	16.3	17	11.7	7.7	3.9
-2.7	7.8	10.8	15.9	18.6	14.9	14.7	9.5	4.1
1.2	7.1	13.9	15.1	18.1	17.4	13.4	8.5	-1.4
5.4	9.6	13	14.6	17.5	16.9	13.5	9.2	1.8
5.9	7	13.2	15.6	16.4	17.5	11.1	9.4	4.4
6.5	12.1	12.3	18.2	17	17.5	15.8	11.3	4.2
0.9	10.7	11.8	15.1	16.6	18.6	13	8.2	4.6
1.2	10	14.2	17.8	19.5	19	15.5	8.4	8
0.5	10.5	13.9	19.4	18.7	16.7	14.3	8.6	5
3.6	7.8	12.3	17.1	17.7	16.3	15.6	6.6	1.6
4	11.2	13.7	17.4	17.7	17.1	13.9	14.1	4.3
6.3	9	14.9	16.8	20.4	18	15.8	11.5	3.8
5.2	11.1	14.1	18.4	17.9	17.2	14.6	9.2	6.2
1.5	9.1	16.8	16.5	19.2	17	14.5	9.4	6.1
2.7	8.3	12.7	17.7	18.2	17.9	13.3	8.7	7.1
1.7	10.4	15.8	15.8	18.7	20.7	12.3	7.9	3.8
6.7	9	13.6	17.7	19.3	17.1	11.5	7	4.1
4.9	7.8	14.6	16.7	18.5	19.1	15	7.2	2.3
7.7	8.7	13.1	15.1	17.2	20.1	14.3	6.2	4.9
5.6	8.2	14.8	16.1	18.9	18.3	17.5	8.5	3.3
1.4	9.5	14.3	17.4	19.7	16.1	13.5	11.1	6.2
7.9	7.6	13.9	18.3	18.3	17.1	12	10	4.5
5.9	8	12.6	16.3	16.4	16.4	13.3	9.7	2.5
5.3	8	15.3	19.6	16.8	17.5	15.1	9	4.7
3.4	6.8	12.2	16.5	17.4	18	13.8	9	2.6
8	8.8	14.9	18.4	18.3	18.7	16	10.6	4.1
5.1	7.2	14.7	17.9	19.3	19.2	17.6	10.7	5.7
5.8	11.8	15.8	17.5	21.4	19.8	14.9	9.6	2
3.5	9	13.7	15.6	16.9	17.7	14.5	10.7	5.7
4	9.6	15.7	15	18.7	18.4	14	8.6	1.5
3	11.7	16.4	16.9	17.6	18.8	13	8.8	4.7
-0.8	9.2	12.4	17.4	20.2	16.6	16.1	11	5.2
3.2	8.9	16	16.8	19.9	19.3	14.8	10.1	-0.1
7.2	11	14.6	15.7	19.3	19.1	14.9	10.3	2.8

7.6	8.5	15.4	17	17.7	19.8	12.6	10.6	5.6
5.7	11.1	10.1	16.4	15.2	15.8	16.1	9.4	2.6
-0.6	8.5	9.8	14.4	15.4	16.9	12.4	8.2	1.9
1.5	8.3	12.1	16	18.4	16.2	13.4	7.2	6.2
-0.3	8.8	13.7	18.3	18.7	15.8	13.1	6.7	4.1
0.6	6.6	10.9	15.4	16.4	14.8	11.6	6.1	0.1
2.3	9.1	12.5	16.9	16.3	15.2	12.4	11	1.2
4.4	6.8	13.3	15.2	18.5	16.6	13.3	10.5	3
3.4	8	11.3	15.8	16.2	16.1	12.3	9	2.8
0.2	6.7	14.1	14.3	17.9	15.8	12.8	7.8	4.1
0.8	5.9	11	17.6	17.1	16.8	13	7.7	4.7
-0.7	8.7	13.1	13.9	18.5	18.6	10.8	6.8	2.2
4.2	6.8	11	15.1	17.7	15.7	9.7	4.2	3
2.8	4.6	12	15.8	16.6	17	13.5	6	1.6
5.9	7.6	11	14.1	15.5	17.9	12.9	4.5	2.6
2.5	6.6	12.5	14.5	17.7	17.9	14.7	6.7	1.4
0	6.5	13	17.5	19.6	14.8	11.6	8.6	3.8
5.2	5.4	11.9	16.1	16.6	16	11.1	8.3	3.8
3.8	6.2	10.7	14	15.3	14.4	11.6	7.7	2.3
3.2	6.2	12.7	17.5	15	15.1	12	6.1	2.4
2.9	5.2	10.1	15.1	14.7	16.5	12.7	6.5	1.5
6.1	7	12.8	16.3	16.5	16.6	13.1	7.5	3.5
3.5	5.5	12.9	17.1	19.5	17.6	14.8	8.7	3.7
3.4	8.7	11.8	16.3	20.4	17.3	13	7.9	1.2
1.6	5.9	10.6	13.9	15.6	16.4	11.9	8.7	3.3
2.3	7	13.6	13.2	17.5	16.4	12.7	7.1	0.1
2.6	7.9	14.5	15.9	16.3	16.3	11.2	7.9	3.4
-2.8	8.3	10	14.6	17.7	14.8	14.5	7.8	3.8
1.5	7.7	14.1	15.2	17.6	16.8	12.6	8.8	0.8
5.9	7.5	13	14.8	18.6	16.6	14.1	8.9	0.2
5.9	7.1	14	16.3	17.7	19.3	12.6	7.3	3
6.5	12.1	12.3	18.2	17	17.5	15.8	11.3	4.2
0.9	10.7	11.8	15.1	16.6	18.6	13	8.2	4.6
1.2	10	14.2	17.8	19.5	19	15.5	8.4	8
0.5	10.5	13.9	19.4	18.7	16.7	14.3	8.6	5
3.6	7.8	12.3	17.1	17.7	16.3	15.6	6.6	1.6
4	11.2	13.7	17.4	17.7	17.1	13.9	14.1	4.3
6.3	9	14.9	16.8	20.4	18	15.8	11.5	3.8
5.2	11.1	14.1	18.4	17.9	17.2	14.6	9.2	6.2
1.5	9.1	16.8	16.5	19.2	17	14.5	9.4	6.1
2.7	8.3	12.7	17.7	18.2	17.9	13.3	8.7	7.1
1.7	10.4	15.8	15.8	18.7	20.7	12.3	7.9	3.8
6.7	9	13.6	17.7	19.3	17.1	11.5	7	4.1
4.9	7.8	14.6	16.7	18.5	19.1	15	7.2	2.3
7.7	8.7	13.1	15.1	17.2	20.1	14.3	6.2	4.9
5.6	8.2	14.8	16.1	18.9	18.3	17.5	8.5	3.3
1.4	9.5	14.3	17.4	19.7	16.1	13.5	11.1	6.2
7.9	7.6	13.9	18.3	18.3	17.1	12	10	4.5
5.9	8	12.6	16.3	16.4	16.4	13.3	9.7	2.5
5.3	8	15.3	19.6	16.8	17.5	15.1	9	4.7

3.4	6.8	12.2	16.5	17.4	18	13.8	9	2.6
8	8.8	14.9	18.4	18.3	18.7	16	10.6	4.1
5.1	7.2	14.7	17.9	19.3	19.2	17.6	10.7	5.7
5.8	11.8	15.8	17.5	21.4	19.8	14.9	9.6	2
3.5	9	13.7	15.6	16.9	17.7	14.5	10.7	5.7
4	9.6	15.7	15	18.7	18.4	14	8.6	1.5
3	11.7	16.4	16.9	17.6	18.8	13	8.8	4.7
-0.8	9.2	12.4	17.4	20.2	16.6	16.1	11	5.2
3.2	8.9	16	16.8	19.9	19.3	14.8	10.1	-0.1
7.2	11	14.6	15.7	19.3	19.1	14.9	10.3	2.8
7.6	8.5	15.4	17	17.7	19.8	12.6	10.6	5.6
5.7	11.1	10.1	16.4	15.2	15.8	16.1	9.4	2.6
-0.6	8.5	9.8	14.4	15.4	16.9	12.4	8.2	1.9
1.5	8.3	12.1	16	18.4	16.2	13.4	7.2	6.2
-0.3	8.8	13.7	18.3	18.7	15.8	13.1	6.7	4.1
0.6	6.6	10.9	15.4	16.4	14.8	11.6	6.1	0.1
2.3	9.1	12.5	16.9	16.3	15.2	12.4	11	1.2
4.4	6.8	13.3	15.2	18.5	16.6	13.3	10.5	3
3.4	8	11.3	15.8	16.2	16.1	12.3	9	2.8
0.2	6.7	14.1	14.3	17.9	15.8	12.8	7.8	4.1
0.8	5.9	11	17.6	17.1	16.8	13	7.7	4.7
-0.7	8.7	13.1	13.9	18.5	18.6	10.8	6.8	2.2
4.2	6.8	11	15.1	17.7	15.7	9.7	4.2	3
2.8	4.6	12	15.8	16.6	17	13.5	6	1.6
5.9	7.6	11	14.1	15.5	17.9	12.9	4.5	2.6
2.5	6.6	12.5	14.5	17.7	17.9	14.7	6.7	1.4
0	6.5	13	17.5	19.6	14.8	11.6	8.6	3.8
5.2	5.4	11.9	16.1	16.6	16	11.1	8.3	3.8
3.8	6.2	10.7	14	15.3	14.4	11.6	7.7	2.3
3.2	6.2	12.7	17.5	15	15.1	12	6.1	2.4
2.9	5.2	10.1	15.1	14.7	16.5	12.7	6.5	1.5
6.1	7	12.8	16.3	16.5	16.6	13.1	7.5	3.5
3.5	5.5	12.9	17.1	19.5	17.6	14.8	8.7	3.7
3.4	8.7	11.8	16.3	20.4	17.3	13	7.9	1.2
1.6	5.9	10.6	13.9	15.6	16.4	11.9	8.7	3.3
2.3	7	13.6	13.2	17.5	16.4	12.7	7.1	0.1
2.6	7.9	14.5	15.9	16.3	16.3	11.2	7.9	3.4
-2.8	8.3	10	14.6	17.7	14.8	14.5	7.8	3.8
1.5	7.7	14.1	15.2	17.6	16.8	12.6	8.8	0.8
5.9	7.5	13	14.8	18.6	16.6	14.1	8.9	0.2
5.9	7.1	14	16.3	17.7	19.3	12.6	7.3	3
3.2	9	8.2	14.7	13.3	14	14.4	8.1	1.4
-3.3	6.8	7.8	11.8	13.2	15.3	10.6	7.3	0.4
-0.9	6.1	10.3	14	16.7	14.8	12.6	6.3	4.9
-3.2	6.6	10.8	15.8	16.3	13.5	11.3	5.5	1.8
-0.7	4.3	8.1	13.4	13.6	13.2	11.5	6.5	-2.1
-0.1	7.2	10.8	14.4	14.2	13.8	10.9	10	-0.1
2.1	4.5	10.7	13.3	16.9	14.9	12.7	9.2	1.4
1.2	7.1	9.2	14.6	14.1	14	11.2	6.9	2.1
-2.5	5	12.5	12.8	16.1	13.8	11.9	8.6	2.3

-1.5	3.5	8.7	14.3	14.5	14.7	10.4	5.7	2.7
-2.2	6.1	12.1	11.8	16	17.2	9.3	6.3	0.3
3.2	4.5	9.9	13.7	16.4	13.9	9	4.4	1.6
1.5	2.9	10.7	13.3	14.7	16.3	12.7	4.8	-0.8
4.2	5.5	8.8	11.5	13.4	16.4	11.2	2.4	1.4
2	4.5	10.9	13	16.1	16	14.5	6.5	-0.6
-2.6	5.3	10.7	14.4	16.7	13.3	10	7.8	2.3
3.9	3.5	10.2	14.3	14.1	14.2	9.2	8.3	2.1
1.8	4.3	9.1	12.8	13.4	13	9.6	7	0.3
1.6	3.9	11.7	16.1	12.3	14.1	11.7	5.5	1
-0.4	2.8	7.8	12.5	12.7	14.4	10.6	5.4	-0.3
3.9	4.8	11.3	14.3	14.4	14.7	12.2	6.4	1
1.8	2.9	11.2	14.3	16.6	15.9	15	7.7	2.4
1.5	7.1	11.1	14	18.7	16.4	12.1	6.8	-0.1
-1	4.7	9.7	11.9	13	15.1	10.1	8	2.1
0	4.8	11.7	10.9	15.6	15	11.1	6.4	-1.8
0.3	6.6	12.7	13.6	14.8	15	10.2	7.2	2.4
-4.4	6.1	8.7	12.6	15.4	12.9	13	7.1	1.8
-1.3	5.9	12.3	13.2	15.9	15.7	11.1	6.9	-2.2
3.9	6.4	11	12.7	15.4	15.2	12.6	8.2	-0.5
4.5	4.5	11.8	13.5	14.9	16.9	8.9	7.4	1.8
4.9	11	10.5	16.5	15.7	16	15.1	9.2	2.6
-0.8	8.6	10	14.1	15.6	17	12.1	6.8	2.2
0.8	8.3	12.3	16.6	18.4	16.8	13.9	7.3	6.2
-0.8	8.7	13.5	17.8	18.2	15.1	12.6	6.9	4.3
0.5	6.4	10.9	15.8	16.1	14.8	12.7	6.3	0.2
2.7	9.4	12.9	16.7	16.5	15.5	12.7	11.5	1.9
4.5	6.8	13	15.6	19.2	16.5	13.7	10.5	2.4
3.4	8.8	11.6	16.8	16.9	16	12.7	8.6	3.4
0.5	7.1	15	15.6	18.8	16.1	13.7	8.5	4.1
0.8	5.8	11.1	17.2	17.5	16.8	12.4	7.8	4.9
-0.3	8.4	14	14.2	18.5	18.9	10.9	6.9	2.2
4.8	7.1	12.3	16	18.1	16.5	10.3	5	3.1
3	5.2	12.9	16	16.9	17.4	13.6	6.1	1.2
6	7.6	11.5	13.5	15.5	17.9	12.6	4.3	2.8
3.3	6.8	13	14.8	18	17.7	15.7	7.2	1.4
-0.4	6.9	13.2	17.1	18.9	14.6	11.8	9.1	4.3
5.8	5.7	12.7	16.6	16.6	15.9	11.3	8.7	4
4.2	6.7	11.4	15.1	15.6	14.7	12.3	8.1	1.8
3.5	6.2	13.6	18.4	15.1	15.7	12.5	7	2.5
2.8	4.9	10.4	15.2	14.9	16.5	12.8	6.9	1.4
6.1	7.3	13.5	16.7	16.7	16.9	13.4	8.3	3.8
3.4	5.5	13.5	17.2	19	17.7	15.5	8.8	3.7
3.6	9.2	13	16.5	20.6	17.9	13.2	8.1	1.1
1.3	6.5	11.6	14.5	15.9	16.7	12	9	3.9
2.3	7	14	13.8	17.9	17.1	13.1	7.6	0.2
2.3	8.7	15.3	16	17.1	17.2	11.8	8.3	3.5
-2.9	8.5	10.9	15.1	18.3	15.4	15.2	8.9	3.7
1.7	8.4	14.9	15.7	18.1	17.1	13.1	9.1	0.2
5.8	7.9	12.4	14.7	17.3	16.8	13.9	8.9	0.7

6	6.4	13.8	15.8	16.9	18.2	10.6	8.4	3.3
5.4	10.8	10.9	17.1	15.7	16.4	14.8	10.8	3.6
-0.6	9.7	10.2	14.1	15.6	17.5	12.2	8	3.9
0.2	8.6	12.8	16.6	18.4	17.7	14.5	7.8	8
-1.1	8.4	12.8	18	17.5	15.2	12.8	7.9	4
2.2	6.4	10.6	15.8	16.3	15	14.5	6.8	0.6
2.5	9.8	12.5	15.8	16.4	15.8	12.7	12.8	3.3
4.7	7.1	13.6	15.7	18.9	16.6	15.2	11.3	3.7
3.8	9.1	12.3	17	16.3	16	13.3	8.3	5
-0.5	7.5	15.1	15.1	18.1	15.6	13.5	9.1	5.7
1.1	7	11.2	16.7	16.9	16.8	11.8	7.8	6
0.1	8.8	14.8	14.5	17.8	18.8	10.8	7.5	2.6
5.4	7.5	12.5	16.8	17.9	15.8	10.7	6	4.2
3.4	6.1	12.7	15.6	17	17.1	13.8	6.7	1.6
5.9	7.4	11.5	13.7	15.8	18	12.9	5.4	4.2
4.4	7.1	13.5	15.2	17.7	17	16.1	8.1	2.5
-0.1	7.5	12.4	15.7	17.8	14.3	12.4	10.1	5.4
6.2	6.3	12.6	16.9	16.5	15.9	10.9	9.7	4.7
4.5	6	11.1	14.9	15.3	15.1	11.6	8.9	2.1
4.4	6.4	13.8	17.6	15.5	16.2	13.3	7.4	3.4
1.5	5	10.1	14.8	16	15.9	11.9	8.2	1.7
6.3	6.8	13.6	16.7	16.8	16.4	13.9	9.5	3
3.7	5.2	13.3	16.3	18.1	17.3	15.8	9.7	5.3
4.5	10.2	15.2	16.4	19.5	17.7	14	8.5	1.6
1.6	7.4	12.8	14.2	15.5	16.7	12.9	10.2	4
3.2	8	14.1	13.4	17.7	17	12.7	8	0.1
2.3	10	14.8	15.4	16.6	16.8	11.6	8.4	4.6
-2.3	7.9	10.9	16	18.6	15.4	14.7	9.4	4.5
1.4	7.3	14.3	15.2	18.5	17.8	13.7	8.5	-0.8
5.8	9.7	13	14.1	17.8	17.4	13.6	9.9	1.9
6.3	7.1	13.4	15.8	17	17.7	11.1	9.3	4.7
4.7	10.4	10.7	16.2	15.4	15.5	13.7	8.9	2.7
-1.7	8.1	10.1	13.9	15.5	16.4	11	6.3	2.6
-0.2	8	12.1	16.4	18.4	16.8	13.6	6.7	5.6
-1	8.4	12.3	17.6	17.4	14.8	11.9	6.5	4
-0.1	6	10.2	15.2	15.5	14.1	12.7	5.2	-0.6
2	8.9	11.8	15.7	15.7	15.1	11.7	10.9	2
4	6.8	12.6	14.8	18.1	15.7	13.2	9.3	2.3
3.2	8.8	11.7	16.6	16.3	15.4	11.9	7.6	3.8
-0.7	7.1	14.9	15.5	18.3	15.9	13.1	8.5	4.2
0.8	6.7	11.5	17.5	17.7	17.2	11.4	6.9	4.7
-0.3	8.3	14.7	14.5	18.2	18.9	10.4	6.2	2.2
4.2	7.2	12.4	16.4	18.5	15.8	10.2	5.4	3
3.2	5.2	12.8	15.7	17.3	17.6	13.1	5.4	0.8
5.5	7.5	11.3	13.4	15.3	17.6	12.2	3.9	2.6
2.9	6.5	13.2	15.2	17.5	17	15	7.3	0.5
-0.9	6.5	12.4	16.3	18.4	14.2	11.3	8.8	4.2
4.9	5.6	12.3	16.2	16.2	15.6	10.1	8.2	3.7
3.3	6	11.1	14.8	14.7	14.7	11.6	8.1	0.8
2.9	5.7	13.6	18	14.7	15.3	12.6	6.7	2.6

1.8	4.7	10.4	15	15.2	15.8	11.8	6.5	1
5.4	6.7	13.1	16.7	16.4	16.2	12.9	7.9	2.8
3.1	5.2	13	16.6	18.5	17.3	14.9	8.4	3.2
3.1	9.1	13.2	16.1	20.5	17.9	12.8	7.2	0.2
1.1	6.8	11.9	14.1	15.4	16.1	11.9	8.3	3.8
2.1	6.9	13.9	13.4	17.6	16.5	12.2	6.7	-0.5
1.7	9	14.8	15.9	16.4	16.4	11.1	7.5	2.8
-2.6	7.8	10.8	14.8	17.3	14.2	14.2	8.4	3.2
0.8	7.9	14.1	14.9	17.3	16.4	12.3	8.2	-0.9
5.1	8.5	12.9	15	17.7	16.9	13.3	8	0.6
5.2	6.2	13.2	15.5	17	17.6	10.2	7.8	3.4
7.2	12.9	13	18.7	18.1	18.9	17.4	11.4	4.5
1	11.3	12.4	16.5	17.8	19.8	13.9	9.6	4.2
1.6	10.5	14.9	18.5	20.5	19.1	16	9	7.6
1.1	11.2	15.3	20.2	19.8	17.7	15.1	8.8	5.2
3.2	8.4	12.7	17.3	17.8	16.5	15.2	7.6	1.4
4.3	11.6	14.8	18.2	17.9	17.5	14.1	13.2	3.7
6.2	9.3	15.2	17.5	21.2	19.4	16.2	11.4	4.3
5.5	11.4	14.6	19.1	18.6	17.4	14.5	9.3	5.8
1.6	10	17.1	17.3	20.1	17.5	15.5	10.7	5.7
2.8	8.7	13.4	18.7	19	18.7	13.8	8.8	6.6
2.1	10.6	16.8	16.3	19.7	20.9	13.1	8.4	3.8
6.9	9.4	14.5	18.7	20.2	17.9	12.5	7.8	4.4
5.4	8.1	15.4	18	19.4	19.8	15.8	7.7	2.2
7.8	9.8	13.8	15.5	17.8	20.5	14.8	6	4.3
5.5	8.9	15.5	17	19.7	19	17.3	8.7	2.9
1.6	9.7	14.6	18.4	20.6	17	13.5	10.6	5.8
7.8	7.7	14.2	18.6	18.6	17.4	12.3	10.3	4.8
5.5	8.2	12.8	16.5	16.7	17.1	13.7	9.8	2
5.6	8.1	15.5	19.8	16.8	17.8	14.9	8.5	4.2
3.1	7.1	12.1	16.8	17.6	18.4	13.7	8.7	2.2
7.6	9	15.3	18.7	18.2	19.1	15.7	9.8	4.1
5.2	7.7	15.1	18.2	20.2	19.3	17.9	10.2	4.9
5.7	11.6	15.7	17.9	22.5	20.2	15.3	9.5	2.1
3.8	9.2	13.8	16.1	17.5	18.7	14.3	10.4	5.1
3.8	9.8	16.1	15.1	19.4	18.6	14.5	9	1.2
3	11.4	17	17.6	18.5	19	13.6	9.6	4.4
-0.2	10.1	12.9	17.2	19.9	16.8	16.7	10.8	5
3	9.5	16.1	17	20.2	19.5	14.8	9.9	0.3
7.4	10.8	14.9	16.2	20.1	19.2	15.5	10.5	2.6
8.1	8.7	15.6	18	18.8	20.2	12.7	10.6	5.4
4.1	9.3	9.2	14.6	13.9	14.8	13.2	7	1.8
-1.6	6.6	9.1	12.2	14.2	15.4	10.5	5.9	1.5
0.1	7.6	10.8	15.4	16.4	15.1	13.2	6	5
-1.6	6.7	11.2	16	15.9	13.9	11.2	4.8	4
-0.1	5.2	9.8	14.7	15.2	13.2	11.3	5.8	0.3
2	8.1	11	15.1	15.3	14.3	12	10.5	1
3.5	5.5	10.8	14.4	17.4	14.5	12.1	8.7	1.5
2.2	6.8	10.3	14.5	15	14.3	11.2	7.8	2.3
0	5.8	12.2	12.7	16	13.9	11.6	7.3	3.5

-0.3	4.6	9.2	15.4	16.3	15.7	11.8	7.4	4.2
-1.7	6.8	12.1	13.2	16.6	16.8	10.2	6	2
3	6.3	9.9	14.2	16.2	14.7	8.7	3.3	1.9
1	3.9	10.8	14.4	15.8	14.9	12	4.9	0.7
3.9	5.2	9.8	12.5	15	16.1	11.2	3.7	1.7
1.9	5.3	11.2	12.8	16.2	15.3	13.7	5.9	0.9
-1	5.4	10.9	14.9	17.2	12.4	10.6	8.7	3.2
4.5	5.1	10.9	15.2	15.1	14.3	9.8	7.4	2.7
3	4.7	9.7	13.2	14.2	13.1	11.3	7.2	0.6
2.7	4.4	11.4	16.7	14.4	14.3	11.2	5.3	1.7
1.8	3.8	8.5	13.7	14.2	15.4	11.3	5.4	0.4
5.6	6.1	11.9	15.2	15.6	15.2	12.3	7.5	3.2
2.3	4	11.3	15	16.9	16	13.4	7.6	3.1
2.9	8.1	11.1	14.6	18.4	15.7	11.2	6.6	-0.1
0.1	4.6	10.3	13.3	14.5	14.8	11	7.6	2.9
1.6	5.9	12.6	13	16.5	15.7	11.9	5.9	-0.2
1.3	6.5	13.3	13.9	15.4	15.4	10.5	6.7	2.8
-4	6.6	9.4	14.4	16.8	14.5	13.9	6.9	3
0.7	5.9	12.3	13.9	16.6	15.6	11.6	8.3	-0.6
4.8	6.7	11.3	13.1	16.7	15.7	12.2	7.6	-0.5
5	5.7	12.3	14.7	15.7	16.1	9.7	7.4	2.7
7.2	11.9	11.4	17.3	16.5	16.8	15.6	9.6	3
0.3	9.6	11.4	15.4	16.5	17.6	12.6	7.2	3.2
2.2	9.5	13.4	17.5	19	17.6	14.7	8	7.2
0	9.7	14.6	19.2	19.6	16.8	13.7	7.2	5
1	8.1	12	16.7	17.2	15.9	12.9	5.5	0.3
4	10.5	14.1	18	17.6	16.8	13.6	11.5	2.5
5.8	7.9	14	16.2	19.6	17.6	14.3	10.7	3
4.8	9.5	12.3	17.5	17.8	17.2	13.9	9.8	3.7
0.7	7.4	15.2	16.4	19.6	17	13.8	8.6	5.6
1.6	6.9	12.3	18	18.1	17.4	13	9.1	5.4
1.4	9.4	14.8	15.2	19.3	19.3	12.2	7.7	3.9
5.4	8.4	12.9	16.9	19.7	17	11.6	6	4.6
4.9	6.5	14.1	17.3	18.9	18.7	15.5	7.2	2.7
6.6	9.2	12.9	15.8	17.4	19.1	13.9	6.4	3.6
4.1	8.2	13.6	16.6	19.6	19.8	16.6	7.9	2.7
1.2	8.4	14.5	18.7	20.8	17.1	13.3	9.8	5.4
6.2	7	13.6	17.7	18.4	17.4	12.8	9.4	5.6
5.4	8.6	13	16.4	17.1	16.8	13.7	9.4	4.1
4.8	8.2	14.9	19.9	17.1	17.8	14.2	6.7	4.2
3.7	7	12.2	16.8	16.8	17.9	13.9	8.6	3.4
7.9	8.5	14.9	18.2	18.2	18.4	14.8	9.4	5.2
5.5	7.4	14.6	18.1	20.3	19.3	16.8	9.9	4.2
5.3	10.4	14	18	22.3	19	14.4	9.8	2.9
2.8	8.1	13	16	17.4	18.1	13.5	10.6	4.5
3.6	9.4	15.7	15.6	19.6	18.6	14.7	8.5	1.3
3.8	9.6	16.5	17.8	19	18	12.6	9	4.9
-0.7	10.4	12.1	16.2	18.9	16.9	15.5	9	5.3
3.3	9.5	15.8	16.9	19.2	18.8	14.8	9.6	2
7.5	9.4	14.9	16.7	19.6	18.3	15.3	10.2	1.9

7.9	8.8	15.6	17.6	18.6	19.8	12.9	8.5	5
4.4	9.7	8.1	14.4	13.1	14.2	15.9	8.8	1.5
-2.5	6.4	7.7	12.4	13.3	14.9	11.2	7.8	0.3
0.5	6.9	10.5	14	16.3	14.4	12.5	6.5	4.9
-2.3	6.6	12	16.4	17	14.1	12	5.2	2
-0.9	4.6	9	13.8	13.3	13.6	11	7	-1.1
0.7	7.7	11.5	15.4	13.6	13.5	11.4	9.5	-0.5
2.5	4.3	10.9	12.9	17.5	14.9	11.9	9.4	1.5
2	7	9	14.3	14.5	14.2	11.2	8.2	0.4
-1.6	4.7	12	12.9	17	14.3	12.2	9.2	2.6
-1.5	3.1	8.7	15.4	14.2	15	11.7	6.5	3.2
-1.4	7.1	12.1	11.6	16.9	16.7	10	7.2	0.5
3.7	4.5	9.2	13.4	16.3	14	9	4.7	1.3
1.7	2.6	10.8	14.1	15.2	16.6	13.3	5	0.3
4.1	5.8	8.4	11.9	13	15.6	11.2	2.5	1.6
1.7	4.5	10.6	12.5	16.4	16.7	14.4	6.2	-0.4
-1.5	4.7	11.3	15.5	17.6	14.2	10.8	7.1	1.9
4.1	3.2	10	13.8	14.4	14.2	9.3	8.1	2
1.7	4.9	9.5	12.4	13.7	12.6	9.6	6.7	0.8
1.3	4	11	15.5	13	13.9	10.9	5.7	0.4
0.8	3.1	8.2	12.5	12.6	14.5	11.8	5.3	0.1
4.6	5.7	11	13.8	14	14.5	12.5	5.9	1.6
2.2	4.1	10.7	14.3	17	15.3	14.8	7.6	3.1
1.8	6.9	9.7	14.6	18.7	16	11.6	6.8	0.7
-0.3	4.6	8.7	11.5	13.8	14.9	9.9	8.2	2
0.5	5.5	11.8	11.2	15.6	14.4	11.7	6.9	-1.7
0.8	4.7	13	13.6	15	14.6	9.5	7.4	3.1
-3.9	7.1	7.9	11.9	15	12.7	13	6.7	1.9
-0.5	6.4	12.4	12.9	15.2	15.2	11	7.6	-0.4
5.1	5.6	11.8	13.2	15.7	14.8	12.9	8.3	0
4.6	5.1	12.3	13.6	14.8	17.1	9.3	7.7	1.8
5.6	11.5	11.5	17.4	16	16.8	15	11	4.2
0.2	10.1	10.3	14.2	15.8	17.4	12.6	8.4	4.2
0	9.1	12.7	16.2	18.4	17.8	14.6	7.4	7.5
0.4	9	12.7	18.6	17.5	15.6	13.3	8.6	4.4
2.7	6.6	10.9	15.7	16.3	15.4	14.7	6.9	0.6
2.3	10.3	12.8	16	16.6	16.2	13.1	13.3	3.4
4.5	7.8	13.8	15.6	19.6	17.3	15.5	11.1	3.7
3.9	9.6	13.4	17.6	16.9	16.3	13.6	8.3	5.3
1.2	7.9	15.5	15.4	17.8	16.1	13.5	9.1	5.7
1.7	6.9	11.4	16.9	17.4	16.9	11.8	7.9	6
0.1	8.9	15	14.4	17.4	18.8	11.3	7	3.2
5.8	8.3	12.7	17	18.7	16.3	10.6	6.2	3.6
3.6	6.2	13.3	15.8	17.2	17	13.8	6.7	1.3
7	7.3	11.8	14	15.9	18.6	13.2	5.4	4.1
5	7.3	14.6	15.9	17.8	17.2	16.2	8.1	2.4
0.1	8.5	12.7	15.9	18.2	14.7	12.7	10.9	5.6
6.9	7	13.2	17	16.6	16.1	10.9	9.6	4.4
4.3	6.7	11.1	14.9	15	14.8	11.2	8.6	1.3
4.9	7	13.6	18.1	15.3	15.9	13.3	7.9	3.5

2.3	5.3	10.8	15.2	16	15.9	11.5	8.2	1.4
6.2	6.8	13.5	16.9	17	16.4	14.1	9.5	2.5
3.6	5.1	13.5	16.3	18.2	18.4	16.2	9.7	5
4.7	10.3	14.8	16.4	19.9	17.9	13.9	8	0.8
2	7.7	12.7	14.1	15.3	16.2	13.2	9.8	5.3
3.3	8.1	13.7	13.5	17.7	17.2	12.9	8	1.5
2.6	10.6	15.2	16.1	16.6	17.2	11.7	7.9	4.2
-2.5	7.7	11	16.1	19	15.2	14.8	10.2	5.1
1.6	7.4	14.9	16.4	20.2	19.7	15.5	9.1	-1.4
5.3	10.5	13.4	14.9	17.7	17	13.6	9.5	1.7
6	7.5	13.1	15.2	16.2	17.2	10.4	9.1	4.7
2.1	7.9	6.9	13.5	11.3	12.5	13.5	7.5	1.4
-4	5.7	6.1	10.5	11.6	13.1	9.3	7.2	0
-0.9	5.2	9.5	12.9	15.6	13.5	11.4	5.2	4.2
-3.4	5.7	9.8	14.8	15.1	12	10.3	5.2	1
-1.6	3.2	6.8	12.1	12	12.2	10.6	6.4	-2.5
-1.1	6.2	9.5	13.5	13.1	12.7	9.2	9.3	-0.6
0.7	3.2	9.7	11.9	15.9	13.8	11.8	8.1	1
0.1	5.8	7.8	13.5	13.1	13.6	10.5	6.1	1.8
-2.7	3.8	11.1	12.3	15.2	13.1	10.6	8.2	1
-2.7	1.7	7.2	13.7	13.3	13.7	9.2	5	1.9
-3.1	4.8	11.4	10.3	14.9	15.8	8.1	5.8	-0.5
2.3	3.3	8.6	12.4	15.7	13	7.7	4.1	0.4
0.7	1.4	9.4	12.5	13.8	14.9	11.5	4	-1.7
3.4	4.5	7.9	10.3	11.6	15.2	10.4	1.4	0.6
1.1	3.3	9.9	12	15.2	15.6	13.8	6.1	-0.8
-3.8	3.9	9.4	13.2	15.7	12.5	9.5	7.5	1.5
2.8	2	9.1	13.2	12.7	13	8.1	8	0.7
0.6	3.5	8.2	11.2	11.9	11.6	7.7	6.5	0.6
0.3	3.1	10.4	15.1	10.7	12.9	10.3	5	0.2
-1.4	1.9	6.6	11.2	11.6	12.8	10.2	4.6	-1.3
2.6	3.7	10.3	12.8	13.1	13.3	11.3	4.7	-0.3
1	1.9	10.3	13	15.7	14.8	14	7.2	2.2
0.5	5.9	10.2	13.6	17.8	15.5	10.8	5.6	0
-1.6	3.9	8.8	10.4	11.8	14.4	9	7.2	2.1
-0.7	3.8	11.3	9.8	14.3	14.1	9.8	6.6	-2.3
0.2	5.8	12	13.1	13.9	13.7	8.6	6.6	2.5
-5.1	5	7.8	11.6	14.6	11.7	11.6	6.4	1.3
-2.5	4.9	11.5	12.6	15	14.5	9.8	6.5	-2.6
2.9	5.7	10.9	12.5	14.8	14.4	12.3	7.4	-0.4
3.6	4.1	11.4	12.8	13.6	15.8	7.6	6.9	1
6	11.7	11.6	17.3	15.9	17	15.4	11.2	3.5
0	10.3	10.7	14.5	16.2	17.7	12.4	8.4	4
1.3	9.6	13.4	17	19.1	18.1	15.2	8.4	8.2
-0.9	9.3	13.5	18.5	18.6	15.9	13.8	8	4.1
2.8	7.2	11.4	16.1	16.9	15.9	15.5	7.2	0.8
3.4	10.7	13.4	16.5	17.2	16.6	13.7	13.4	3.4
5.6	8.1	14.2	16.2	19.8	17.3	16	11.4	3.5
4.7	10.2	12.9	17.8	17	16.7	14.1	9	5.2
0.1	8.5	16.3	15.6	18.4	16.1	14.1	9.6	5.8

1.6	7.7	12	16.8	17.2	17.1	12.6	8.3	5.6
0.6	9.3	15.5	15.1	18.2	19.9	11.7	8	2.9
6	8.1	13.3	17.1	18.6	16.4	11.3	6.6	4.3
4.3	6.8	13.7	16.3	17.6	18.2	14.8	7.1	1.4
6.5	8	12.2	14.5	16.2	18.7	13.8	6	4.3
5.1	7.9	14.2	15.8	18.4	17.7	17.1	8.1	2.4
0.7	8.4	13.3	16.5	18.7	15.4	12.8	10.4	5.7
6.9	7	13.1	17.3	17.3	16.4	11.5	9.8	5
5.1	6.8	11.7	15.6	15.8	15.7	12	9.2	1.9
4.9	7.2	14.9	18.4	15.8	16.8	13.9	7.7	3.5
1.9	5.6	10.6	15.6	16.5	16.6	12.6	8.4	1.8
7	7.6	14.1	17	17.4	17.1	14.9	9.9	3.3
4.4	6	14.8	17	18.5	18	16.1	9.5	4.5
4.9	11.1	15.7	17	20.5	18.9	14.3	9	1.4
2.5	8.1	13.3	14.9	16	17.3	13	10.2	4.2
3.2	8.7	15	13.9	18.4	17.7	13.5	7.9	0.4
2.7	10.7	15.7	16.2	17.3	17.6	12.2	9.1	4.3
-1.6	8.7	11.7	16.6	19.2	16	15.3	9.9	4.6
1.9	8.6	15.2	16.1	19.5	18.8	14.4	8.8	-0.6
6.5	10.2	13.9	15.1	18.3	18.1	14.4	10.1	1.8
7	7.7	14.3	16.6	17.3	18.8	11.5	9.8	4.7
6.9	12.5	11.8	17.7	17.1	16.9	15.7	10.4	3.5
0.8	10.4	11.7	16	16.6	17.9	13.4	8	3.9
2.1	9.8	13.7	17.8	19.8	18.4	14.9	8.7	7.4
0.2	10.2	15.1	19.2	19.9	16.7	13.9	7.7	5
1.4	7.9	11.9	16.7	17	16.3	13.6	6.4	0.8
4.1	10.5	13.9	18.1	17.5	16.8	13.6	12.2	2.9
6	8.3	13.8	16.6	19.9	17.7	15.1	11.7	3.3
5.2	9.9	12.8	17.7	17.9	17.2	13.8	9.7	4.2
1.2	8.2	15.8	16.9	19.8	17.3	14.4	9.1	6
2	7.4	12.4	18.1	18.6	17.6	13.1	8.6	5.8
1.6	9.7	15.1	15.3	19.3	19.9	12.1	8	3.7
6.1	8.8	13.5	17.1	19.5	17.4	11.7	6.2	4.9
4.9	6.7	14.2	17.3	18.5	18.6	15.2	7.2	2.8
7.4	9.2	12.9	15.5	17.1	19.2	14	6.2	3.8
4.4	8.4	13.7	16.5	19.3	19.5	16.9	7.8	2.8
1.3	8.6	14.2	18.2	20.6	17.3	13.3	10.3	5.6
6.7	7.3	13.9	17.6	17.9	17	12.5	9.4	5.6
5.6	8.2	12.8	16.5	17.2	16.2	13.3	9.3	3.5
5	8.2	15.1	19.9	16.3	17.3	13.9	7.3	4.1
3.6	6.7	11.8	16.5	16.5	17.7	13.5	8.6	3.3
7.8	8.3	14.9	18.2	17.7	17.9	14.6	9.4	5.2
5.5	7.5	14.8	18.1	20.2	19	16.2	10.1	4.6
5.2	10.7	14.2	17.8	22.1	18.8	14.4	10	2.6
3	8.1	13.1	15.8	16.8	17.8	13.2	10.6	5.2
3.9	9.2	15.1	15	18.9	18.3	14.1	8.6	1.4
4.2	9.8	16.2	17.7	18.4	18	12.6	9.2	5
-0.1	10	12.2	16.2	18.8	16.4	15.4	9.4	5.2
3.3	9.6	16.1	17.1	18.9	18.2	14.4	9.7	1.4
7.5	9.7	15	16.8	19.3	18.6	15.3	10.3	2.2

8.3	8.7	15.6	17.6	19.1	19.8	12.8	9.8	5
4.6	9.7	9.5	15.8	14.4	14.8	14	9.3	2.8
-1.6	8.5	9.3	13.5	14.2	15.8	11.2	7.3	2.8
-0.1	7.2	11.7	15.5	17	16.2	13.2	7	6.3
-2.2	7.5	12.3	17	17	14.4	12.1	6.3	3.1
0.3	5.8	9.6	14.8	14.9	14.5	13	6.3	-0.6
2	8.5	12	15.7	15.9	15.1	11.6	11.1	2.1
4	5.9	12.1	14.6	17.8	15.7	13.9	10.7	3
2.9	7.9	10.7	16	15.7	15.9	12.4	8.4	3.3
-1.6	6	13.6	14.9	17.4	15.1	12.7	8.5	4.4
-0.3	5.9	10.5	15.8	16.2	15.5	11.3	7.7	4.3
-0.9	7.3	13.3	13.7	16.5	17.3	10.4	7.4	1.6
4.5	6.4	11.4	14.9	17.9	15.1	10	5.5	3.5
2.9	4.6	11.7	14.7	16	16.4	12.9	5.8	0.8
5.4	6.1	9.9	12.4	14.4	16.9	12.5	4.3	3.1
3.3	5.6	12	14.4	16.8	16.8	14.5	6.9	1.3
-1.1	5.6	11.4	14.4	16.7	13.3	10.9	8.2	4.1
4.9	5.1	10.7	15.1	15	14.9	9.8	8.6	3.8
3.4	5.4	10.3	13.6	14.1	13.8	11	7.8	2.9
2.5	5.4	12.6	17.2	14.1	14.8	11.7	5.3	2.7
0.6	4.3	8.9	14.3	14.8	15	11.4	7	1.2
5.6	5.5	12.4	16.1	15.9	15.6	12.4	7.7	2.7
3.2	4.7	12.3	15.4	17.4	16.7	14.1	8.8	3.9
3.8	8.8	12.8	15.6	19.3	16.5	12.9	8.1	1.4
0.6	6.5	11.4	13.9	14.5	15.7	11.3	9.3	3.2
1.9	6.8	13.5	12.8	16.7	16	11.9	7.2	-1
2.1	7.9	14	15	15.9	15.7	10.4	7.5	4.6
-2.4	7.2	10.4	14.6	16.7	14.2	13.6	7.8	4.1
0.8	6.8	13.5	15.1	16.9	16	12.3	7.7	-1
5	7.7	11.7	13.9	16.6	16.3	13.1	9.2	0.4
5.7	6.2	12.5	14.7	15.9	16.6	10.3	7.7	3.7
6.4	11.9	12.2	18	16.8	17.9	16.5	10.9	3.8
0.2	10.4	11.5	15.5	16.8	18.8	12.9	8.9	3.8
0.8	9.9	14.1	17.6	19.8	18.5	15.4	8.5	6.8
0.1	10.2	13.9	19.4	19.3	16.9	14.3	8.3	4.8
2.5	7.7	11.9	16.6	17.1	15.9	14.6	7.1	0.7
3.7	10.8	13.9	17.6	17.5	17.2	13.7	12.7	3.3
5.3	8.7	14.3	16.9	20.5	18.3	15.7	10.9	3.5
4.7	10.7	13.5	18.3	18.1	17.3	14.3	9	5.1
0.8	9	16.2	16.4	19.4	16.9	14.7	10.1	4.9
1.6	7.7	12.5	17.8	18	17.9	13.1	8	5.9
1.5	9.7	15.6	15.9	19.4	20.3	12.4	7.9	3.2
6.1	8.5	13.7	17.6	19.5	17.5	11.9	7	3.8
4.9	7.1	14.3	16.8	18.6	19.4	15.3	7.2	1.4
7.3	9	13.2	15	17.1	20.1	14.3	5.5	3.7
4.9	8.4	14.8	16.7	19.5	19.1	17.3	8.5	2.3
1	9.3	14	18	20.2	16.5	13.2	10	5.5
7	7.3	13.3	17.8	18.3	17.1	12.2	10	4.5
5	7.7	12.4	15.9	16.4	16.4	13.3	9.7	1.7
4.8	7.8	15.2	19.3	16.3	17.4	14.5	7.9	3.8

2.7	6.4	11.6	16.1	16.8	17.8	13.6	8.3	1.8
6.9	8.6	14.6	18.1	18	18.5	15.1	9.5	3.8
4.6	6.9	14.3	17.7	19.6	19.1	17.7	9.8	4.3
5	10.7	15	17.4	22.2	20.1	15	9.1	1.7
3.2	8.7	13.2	15.4	16.9	18.1	13.6	10.1	4.7
3.4	8.9	15.3	14.6	18.8	18.2	14.1	8.7	0.7
2.8	11	16.2	17.2	18.2	18.5	13.3	9.5	4.5
-0.7	9.5	12.4	16.5	19.4	16.3	16.1	10.4	4.8
2.5	9.4	15.7	16.9	19.7	19.1	14.4	9.4	0.2
6.9	10.1	14.6	16.1	19.7	18.9	15.2	10.2	2.3
7.6	8.3	14.9	17.2	18.5	19.9	12.4	10.1	4.9
4.4	10.2	9.7	16.1	14.8	15.3	14.9	8.8	2.2
-2	8	9.4	13.5	14.8	16.8	11.5	7.2	1.8
-0.1	7.5	11.9	15.7	18	16.2	13.7	6.9	5.5
-1.8	8.2	12.3	17.3	17.7	15	12.5	6.5	3
0.1	5.6	9.7	14.8	15.2	14.2	12.8	6.1	-1.3
1.6	8.2	11.8	15.7	15.7	15.1	11.9	10.8	1.2
3.2	6.3	12.4	14.8	17.9	16	13.4	9.3	2
2.5	8.2	10.8	16.1	15.5	15.2	12.1	7.2	3.2
-1.6	6.7	13.9	14.1	17.2	14.9	12.5	8.3	3
-0.3	5.3	10.2	15.5	15.7	15.6	11	6.7	3.9
-0.9	7.4	13.2	13.2	17	18	10	6	1.2
3.9	6	11.4	15	17.5	14.6	9.5	4.9	2.4
2.5	4.2	12	14.6	16.1	16.6	12.9	5.2	-0.2
5	6.9	10.5	13.2	14.7	17.2	11.8	3.4	1.9
2.7	6	12.3	14	17	16.7	14.8	6.8	0
-1.3	6.6	11.9	15.4	17.7	14	10.9	8.3	3.5
4.8	4.9	11.2	15.1	15.1	14.6	9.8	8.3	2.8
2.7	5.3	10.2	13.9	14.1	14	10.8	7.8	0.2
2.3	5	12.8	16.7	13.4	14.6	12	5.9	1.9
0.5	3.9	9.2	13.5	14.1	14.9	11.2	6	0.2
4.7	5.7	12.2	15.4	15.5	15.5	12.6	7.2	1.7
2.7	4.2	12.2	15.5	17.3	16.3	14.8	7.9	2.5
2.7	8.3	12.6	15.1	19.5	17.3	12.4	7.1	-0.2
0.2	5.9	11	13	14.1	15.2	10.7	8.2	2.9
1.1	6.1	12.9	12.1	16.4	15.8	11.7	6.4	-1.2
1	8	13.9	14.8	15.6	15.6	10.9	7.5	2.4
-3.2	6.9	10	14	16.7	13.8	13.6	7.9	2.6
-0.1	7	13.5	14.4	17.1	16.2	12	7.5	-1.6
4.4	7.8	12.1	13.8	16.5	15.9	13	8	0.1
4.9	5.6	12.6	14.6	15.8	17.2	9.7	7.7	2.8
5.9	11.7	11.2	17.1	16.5	16.9	15.5	9.2	2.9
-0.1	9.3	10.8	14.7	16.4	18	12.7	7	2.3
1.4	9	12.6	17.2	19	17.4	14.4	8	6.8
-0.6	9.2	13.7	18.1	18.7	16	13.1	6.9	5.1
1.3	7	11.3	16.1	16.4	15.5	12.9	6.9	0.9
3	9.7	13.4	17.3	16.9	16.1	13.3	11.7	2.1
4.9	7.3	13.1	15.9	19.8	17	14.5	11.3	2.8
4.6	9.5	12.7	17	17.3	16.5	13	9.2	3.7
1.3	7.8	15.2	15.6	19	16.4	14.4	8.9	4.7

1.9	6.8	11.2	17.1	17.9	17.1	13	8.5	5.5
0.5	9	14.7	14.8	18.4	19.3	11.5	7.8	3.2
5.4	7.7	12.5	16.5	18.2	16.9	10.7	5	4
3.7	5.7	13.1	16.4	17.7	18.3	14.7	6.7	2.2
6.8	8.2	11.7	14.5	16.5	18.6	13.7	5.1	3.6
4	7.3	13.7	15.2	18.5	17.9	16.7	7.5	2.3
0.6	7.7	13.8	17.8	19.4	14.8	12.3	9.5	4.9
6.7	6.8	13.4	17.3	17.6	16.5	11.7	9	5.1
5.1	7.3	11.7	15.2	16.1	15.5	13.2	8.4	2.7
4.6	6.7	14	18.4	15.9	16.2	13.2	7.2	2.9
3.4	5.4	10.9	15.9	15.6	17.2	13.3	7.8	2.7
7.3	8.1	14	17	17.2	17.4	14	8.8	4.7
4.4	6.3	14	17.2	18.8	17.9	15.7	9.2	4.2
4.6	10.1	13.7	16.9	21	18.2	14.3	8.7	1.9
2.3	7.1	12.3	15.3	16.8	17	12.9	9.5	4.2
2.9	8	14.3	14.2	18.1	17.2	13.7	7.7	0.7
3.1	9.1	15.5	16	17.1	17.3	12.3	8.7	4.1
-2.1	9.1	11	15.6	18.4	15.8	15.8	9	3.9
2.6	8.7	14.4	15.4	18.1	17.4	13.3	9.4	0.8
6.9	8.7	13.1	14.9	18.2	17.4	13.8	9.2	1.2
7	7.3	14	16.4	17.2	18.4	11.6	8.9	4.1
5.7	11.2	10.2	16	15	15.7	15.4	9.4	2.8
-1	8.7	10	14	14.9	17	12.5	7.7	2
1.4	8.1	11.9	16	17.9	16.5	13.8	7.6	6.6
-1.1	8.7	12.9	17	17.9	14.9	12.7	6.7	3.9
1.1	6.5	10.4	15.2	15.6	14.7	13	7.1	-0.1
2.5	9.3	12.4	16.2	15.9	15.2	12.5	11.6	1.9
4.6	6.7	12.5	14.8	18.2	16.3	14	11	2.9
3.8	9.1	10.9	15.9	15.8	15.3	12.4	8.7	3.4
-0.2	6.7	14.2	14.5	17.5	15.3	13	9.1	4.2
0.6	5.6	10.5	15.8	16.5	15.9	12	7.4	4.8
-0.4	7.9	13.6	13.3	17	18.7	10.8	7.8	2.3
4.9	6.5	11.7	14.9	17.1	15.4	9.8	4.9	3.6
3.3	4.9	12	14.7	16.3	16.8	14	6.2	1.5
5.9	7.1	10.8	13.3	15.4	17.4	12.6	4.1	3
3.4	6.2	12.2	14	17.2	17.1	16	6.9	1.2
-0.3	6.8	12.5	16.2	18.3	14.6	11.9	9.2	4.1
5.7	5.6	11.9	15.6	16	15.4	10.9	9	4.1
3.9	6	10.8	14.3	14.8	14.5	11.9	7.9	2.4
3.7	5.8	12.7	17.5	14.6	15.4	12.7	6.6	2.7
2	4.6	9.3	14.3	14.4	15.9	12.5	7.3	2.1
6.2	6.5	12.8	16.2	15.9	16.3	13.4	8.1	3.3
3.5	4.9	12.9	16.5	18.1	17.5	15.9	9.1	4.1
3.4	8.7	12.4	15.3	19.1	17	13.4	8.6	1.4
1.1	6	11.2	13.6	14.9	15.9	11.5	9.4	3.6
2	6.9	13.1	12.8	17	16.6	12.9	7.3	0
2.1	7.9	14.1	15	15.8	16.1	11.3	8.7	4
-2.3	8.3	10.4	14.5	16.9	14.9	14.8	8.6	3.6
1.1	7.4	13.6	14.6	17.3	17	12.8	8.5	0
5.9	7.8	12.4	14.3	16.8	16.6	13.5	9.6	0.8

6.6	6.5	13.1	15.2	16.3	18.4	11	9	3.6
3	8.9	8.6	15	13.4	14.4	14.1	8.7	1.1
-3.4	7.2	7.6	11	13	15.5	10.4	7.5	1.1
-2.5	6	10.4	14	16.7	15.5	12.9	6	5
-4.5	5.9	10.8	15.6	15.9	13.2	10.9	5.4	1.1
-0.9	3.5	7.7	13.2	13.5	13.3	12	6.1	-2.3
-0.5	7.5	11	14.8	14.5	13.8	10.9	10	-0.1
1.6	4.4	10.8	13.4	17.1	15	13.4	8.8	1.3
1.1	7.1	9.4	15.1	14.2	14.2	11.4	6.4	2
-3.7	5.1	12.8	13.2	15.6	13.7	12	7.7	2.1
-1.8	3.9	9	14.2	14.7	14.7	10.3	5.3	2.6
-2.5	5.9	12.6	12.2	15.9	17.1	9	5.8	-0.2
2.9	4.4	10	13.8	16.2	14.1	8.9	3.8	1.1
1.2	3.2	10.6	13	14.8	16.5	12.6	4.7	-1.4
3.4	5.2	8.9	11.4	13.6	16.4	11	2.4	1.3
1.9	4.5	11.1	12.8	15.8	15.6	14.6	6.3	-0.6
-3	5	10.5	13.5	16.4	13	9.7	7.8	2.3
3.6	3.4	9.6	14.6	14.7	14.2	8.5	8.5	1.6
1.7	3.4	8.8	12.7	13.4	12.7	9.3	6.9	-0.7
1.3	3.9	11.7	16	12.8	14.2	11.4	5.1	0.5
-1.6	2.7	7.2	12.4	13.1	14	10.5	5.1	-1.4
3.5	4.3	11.4	14.2	14.5	14.6	12	6.4	0.1
1.5	2.6	11.1	14.1	16.2	16	14.7	7.7	2.2
1.4	7.3	12	13.8	18.1	16.3	12	6.1	-0.5
-1.1	4.9	9.7	11.5	12.8	15.2	10	7.6	1.8
0.1	5.1	11.8	10.5	15.3	14.8	10.4	6.1	-2.2
0	7	12.6	13.3	14.9	14.8	9.5	7	2.4
-4.8	5.2	8.4	13.3	15.9	12.8	12.7	7.1	1.8
-1.5	5.6	11.8	13.6	16.5	15.8	11.1	6.5	-3.2
3.8	6.6	11	12.2	15.5	15.3	12.4	7.9	-0.1
4.2	4.6	11.6	13.3	14.4	16.2	8.1	7.2	1.4
1.7	6.9	6.8	13.5	11.6	12.1	12	7.3	0.8
-4.7	4.1	5.8	10.6	11.6	12.8	8.6	5.7	0.5
-1.8	4	9.3	13.2	15.2	13.3	11.2	5	4
-4	4.8	9.6	15.1	14.9	11.9	9.7	4.4	1.1
-2.5	2.4	6.6	12.2	12.2	12.1	10.6	4.9	-2.8
-0.9	4.4	9.1	13.5	13.2	12.8	9.4	9.1	-0.2
0.5	2.4	8.5	12.1	15.8	13.3	11.2	7.8	0.9
-1	3.4	7.4	13.5	13.2	13.7	10.4	6.1	1.5
-4	2.3	10.5	12.5	15.3	12.8	10.5	7.3	1.2
-2.9	1.2	6.9	13.9	13.6	13.7	9.2	4.9	1.7
-3.5	3.9	10.8	10.6	14.6	15	7.6	4.8	-0.7
1.4	3.2	8.7	12.4	15.8	12.6	7.2	3	0.5
-0.1	0.8	8.5	12.5	13.4	13.7	10.2	3.4	-2
1.6	3.6	7.8	10.3	11.8	14.8	10	1.8	0.3
0	2.7	9.2	12.2	14.8	15.2	13	5.3	-0.9
-4.3	2.1	8.2	13	15.5	12.3	9.1	7.1	1.9
1.5	1.7	9.1	13.1	12.9	13.2	8.1	7.2	1.1
0.3	2.4	8	11.3	11.9	11.7	8.1	6.2	0
0	2.3	10	14.8	11.1	13	9.7	5.2	0.1

-1.7	1.1	6.4	11.3	11.8	13	10	4.5	-1.5
2	3	10.6	13.1	13.2	13.4	11.1	5	-0.1
0.5	1.3	9	12.9	15.9	14.7	12.6	6.9	1.7
0.3	4.8	10.1	13.4	17.1	15.1	10.1	5.7	-0.3
-2.2	2.7	8.6	10.6	11.8	13.8	8.8	7	2.2
-0.8	2.9	10.7	9.7	14	13.9	9.6	5.9	-1.9
-0.1	4.5	11.9	12.8	13.8	13.4	8.5	6.3	2.1
-5.3	3.7	7.1	11.4	14.3	11.6	11.2	6.5	1.6
-2.2	3.3	11.2	12.5	14.6	13.7	10	6.5	-2.4
1.8	5.2	10.6	12.3	14.5	13.7	11.7	6.9	-0.6
2.8	4	10.7	12.5	13.2	14.8	7.7	6.6	1.5
6.9	12	11.4	17.1	16.6	16.5	15.1	9.9	3.2
0.4	10	11.5	15.7	16.5	17.2	12.6	7.3	3.8
1.4	9.8	13.4	17.7	19.1	17.6	14.5	8	7
0.2	9.7	14.6	19.5	20.2	16.7	13.4	7.3	4.7
0.6	7.7	11.9	16.6	16.8	16.1	13.3	5.8	0.3
4	10.4	13.6	17.9	17.3	16.7	13.5	12	2.6
5.8	7.9	13.9	16	19.3	17.3	14.5	10.6	3
4.8	9.3	12.3	17.5	17.5	17.4	13.8	9.4	3.8
1.1	7.6	15	16.5	19.2	16.9	14	8.8	5.4
1.2	7.1	12.2	17.6	17.9	17.3	12.7	8.9	5.4
1.3	9.1	14.7	15	18.7	19.3	11.7	7.2	3.5
5.4	8.3	13.1	16.7	19.4	16.8	11.2	6	4.4
4.6	6.4	13.4	16.7	18	18	14.9	6.9	2.5
6.4	8.8	12.5	15.1	16.4	18.5	13.3	6	3.1
3.9	7.8	13.2	16	18.9	19.2	16.4	7.8	2.6
0.7	7.9	13.9	18	20.3	16.6	12.7	9.5	5.3
5.8	6.6	13	17.1	17.4	17.1	12.1	8.7	5
5	8	12.3	15.4	16.5	15.8	12.9	9	3.3
4.2	8	14.6	19.3	15.9	16.8	13.1	6.3	3.7
3.1	6.3	11.2	16	15.9	17	12.9	7.8	2.6
7.1	7.4	14	17.2	17.1	17.5	14.1	8.9	4.8
4.9	6.9	14.1	17.5	19.3	18	14.8	9.4	4
4.9	10.2	13.5	17.3	21.5	18.3	13.8	9.2	2
2.6	7.8	12.8	15.3	16.5	17.4	12.9	10	4.7
3.4	8.7	15	14.6	18.6	19.2	13.4	7.9	1
3.4	9.3	16.1	17.3	17.9	17.4	12.3	8.5	4.5
-0.6	9.6	11.4	15.5	18	16.1	14.6	9.1	4.7
3	9.3	15.5	16.4	18.5	17.9	14.1	9.4	1.2
6.9	9.4	14.8	16.5	19	18	14.9	9.5	2
7.6	8.2	14.8	16.8	18.1	19	12.4	8.7	4.8
5.8	11.2	10.6	16.3	15.2	15.3	14.6	9.6	2.7
-0.3	9.4	10.4	15	15.2	16	12	7.2	3.3
0.6	8.8	12.6	16.9	18.5	16.8	13.9	7.6	7
-0.7	8.8	13.9	18.3	18.5	15.4	12.5	6.7	3.7
0.2	6.2	10.7	15.8	16.3	15.4	12.6	5.6	-0.5
2.9	9.2	12.6	17.1	16.3	15.8	12.3	11.4	2.2
4.8	6.7	13.1	15.2	18.7	16.5	14.1	10.5	2.9
4.1	8.3	11.4	16.9	16.7	16.3	12.8	8.8	3.3
0.2	6.9	14.7	16	18.5	16.1	13.3	8.9	4.6

0.3	6.2	11.5	17.3	17.7	16.8	12.1	8	5
0.5	8.5	14.9	14.7	18.8	18.9	10.9	6.9	2.3
5.1	7.5	12.5	16	18.6	16	10.6	5.6	3.8
3.4	5	12.8	15.9	17.1	16.6	13.2	6.1	1.7
6	7.1	11.5	13.8	15.6	17.6	12.6	5	2.9
3.1	6.8	12.6	15.4	18.1	18.2	15.5	7.1	1.4
-0.1	6.6	12.8	16.9	19	15.4	12	9.5	4.6
5.5	5.6	12.4	16.3	16.3	16.2	11	8.7	4.3
4.1	6.8	11.7	14.8	15.7	14.9	11.7	8.5	2.5
3.3	6.7	13.7	18.6	14.7	16.1	12.2	6.9	2.7
2.3	5	10.4	15.2	15.1	15.9	12.3	7.1	1.7
6.1	6.6	13.7	16.6	16.5	16.5	13.4	8.2	3.7
3.9	5.4	13.1	16.8	19	17.6	14.7	9.2	3.9
3.6	9.4	13.1	16.8	20.6	17.5	13.1	8.4	1.9
1.8	7	12.3	15	16	16.9	12	9.6	4.6
2.8	7.8	14.6	13.8	18.1	17.6	12.8	7.6	0.5
3	8.4	15.4	16.6	17.1	16.9	11.4	8.3	4.4
-1.7	8.8	11.2	15.4	17.8	15.4	14.1	9	4.2
1.8	7.8	14.6	16	17.8	16.6	13.2	8.7	0.1
5.5	8.2	13.6	15.1	17.5	16.8	13.9	9	1.2
6.4	7	13.7	15.9	16.8	17.7	11	8.7	3.9
5.9	11.4	11.9	17.6	16.4	17.5	15.7	11.1	3.8
0.2	10.4	11.4	15.1	16.5	17.9	12.5	8.3	4.3
0.8	9.5	13.7	17.2	19.3	18.4	15.1	8.1	7.7
-0.4	9.3	13.5	18.9	18.4	16.2	13.6	8.2	4.4
2.9	7.4	11.6	16.2	17	15.7	15	6.8	1
3.1	10.6	13.4	16.7	17	16.7	13.6	12.9	3.8
5.3	8.1	14.5	16.3	19.9	17.7	15.7	10.7	3.6
4.3	10.1	13.4	17.9	17.5	17.1	14	8.7	5.4
0.5	8.6	16	16.2	18.8	16.5	14.3	9.3	5.6
1.7	7.9	12.3	17.3	17.7	17.5	12.6	8.2	6
1	9.6	15.6	15.6	18.7	20	11.8	7.9	3.1
6.1	8.5	13.3	17.3	19.1	16.8	11.5	6.9	4.3
4.6	7.3	13.6	16.5	18.1	18.5	14.8	7.2	1.7
6.7	8.5	12.6	14.9	16.4	19	13.8	6	4.5
5	7.9	14.6	16.2	18.7	18.3	17.1	8.4	2.9
0.9	8.7	13.6	16.7	19.1	15.6	12.9	10.7	5.9
6.9	7.2	13.2	17.8	17.6	16.8	11.9	9.8	5.1
4.9	7.3	12.2	15.8	16.1	16	12.4	9.3	2.2
5.3	7.5	14.9	18.8	16.3	17	14.1	7.9	4.1
2.3	6	11.1	15.8	16.7	16.8	12.8	8.5	2.1
7.1	7.8	14.2	17.6	17.6	17.7	15	10.1	3.5
4.4	6.4	14.2	17.1	19	18.6	16.7	10.1	5.2
5	11	15.6	17.2	21.1	19.3	14.7	9	1.5
2.8	8.3	13.3	15.2	16.2	17.5	13.7	10.3	4.7
3.5	8.6	15	14	18.4	17.8	13.3	8	0.6
2.9	10.5	15.8	16.5	17.5	18	12.5	8.7	4.2
-1.3	8.6	12	16.7	19.3	16	15.5	10.3	4.9
2.3	8.3	15.4	16.3	19.5	18.9	14.5	8.9	-0.6
6.5	10.5	14	15.4	18.8	18.4	14.5	10.1	2.1

6.7	7.8	14.3	16.5	17.5	18.9	12	9.6	5
6.6	11.4	10.7	16.6	16.1	16.1	16	10.1	3
0.1	9.5	10.4	14.5	15.7	17.7	13.1	7.9	3
2.2	8.7	12.3	16.5	18.3	16.9	14.3	8.3	7.3
-0.5	9.1	13.9	18.2	19.2	16.3	13.9	7.3	4.6
1.8	7.1	11.1	15.9	16.4	15.5	13	6.8	0.9
3.4	10	13	17	16.6	15.8	13.2	11.9	2.5
5.3	7.3	13.2	15.3	18.9	16.8	14.6	11.2	3
4.5	8.9	11.6	16.5	17.3	17	13.3	9.9	3.5
0.6	7.2	14.6	15.4	18.9	16.6	14.2	8.9	5.4
1.3	6.3	11.4	16.5	17.6	16.8	12.9	8.4	5.5
0.6	8.1	13.5	13.7	18.2	19.5	11.5	8.1	3
5	7.1	11.5	15.5	18.6	16.8	10.8	5.4	4.2
3.5	4.9	12.8	15.5	17	17.7	14.6	6.8	2.5
6	7.4	11.7	14.1	15.9	17.9	13.5	5.3	3.6
3.6	7.1	12.5	15	18.2	18.5	16.3	7.2	2
0.4	7.2	13	16.8	19.2	15	12.3	9.3	4.5
6	6	11.9	16	16.5	16.1	11.5	8.7	4.9
4.7	6.6	10.9	14.4	15.7	15.1	12.6	8.4	3.2
4.5	6.3	12.8	18.1	15.2	15.9	12.8	7	3.5
2.8	5.1	9.7	14.9	15	17.2	13.2	8	2.6
6.8	7.5	13.4	16.7	16.8	16.5	13.3	8.7	4.5
4.4	5.9	13.8	17.3	19.2	17.7	15.8	9.2	4.7
4.4	9.8	13	16.5	20.7	17.5	13.6	8.8	1.9
1.9	6.8	11.6	14.5	16.2	16.4	12.1	9.7	4.3
2.9	7.9	14.3	14	18	17.2	13.2	7.8	0.4
3.5	8.9	15.5	15.9	17.2	17.2	11.9	8.6	4.4
-2.2	9.3	11.1	15.2	17.9	15.5	14.6	9.1	4.4
2.5	8.4	14.6	15.4	18.1	17.3	13.6	9.5	1.1
6.8	8.6	13.4	15.1	18.1	17.3	14.2	9.5	1.2
6.8	7.2	13.9	16.7	17.9	19.2	11.8	8.9	4.1
5.9	12.1	11.4	17.6	16.2	16.7	16.2	10.6	3.6
0.3	10.3	11.1	15.6	16.3	18	13.6	8.9	3.7
1.7	9.5	13.3	17.5	19.9	18.2	15.3	8.6	7.5
-0.2	9.9	14.5	19.1	19.5	16.1	13.8	7.9	4.4
1.7	7.4	11.4	16.6	16.6	16.5	14.4	7.7	0.3
3.3	10.2	13.8	17.7	17.2	16.5	13.2	12.8	3.2
5.4	7.6	13.9	16.4	20.2	17.8	15.1	11.6	3.7
4.7	10	12.3	17.9	17.4	17	13.8	9.3	4.7
0.4	8	15.6	16.3	19.6	17.1	14.6	10.2	5.2
1.1	7.1	12.1	17.8	18.1	17.7	13	8.5	5.5
1	9.3	15.2	15	19.4	20.3	12.1	7.9	2.9
6.3	7.9	13.3	17.1	19.7	17.1	11.6	6.7	4.4
4.9	6.4	13.9	17	18	19.1	15.4	7.4	2
6.8	8.7	12.2	14.5	16.4	18.9	13.9	5.5	3.6
4	7.8	14	15.8	19	18.9	17.1	7.4	2
0.4	8.1	13.8	17.3	19.7	16.3	12.8	10.4	5.3
6.6	6.7	13.4	17.2	16.9	16.7	11.8	9.6	4.8
4.7	7.4	12.3	15.5	16.3	15.8	12.1	9.2	2.9
4.2	7.2	14.9	19.2	15.2	16.8	13.6	7.8	3.3

2.5	6	10.9	15.5	15.4	17	13.3	8.2	2.3
6.9	7.7	14.6	17.8	17.3	17.4	14.4	9.1	3.9
4.6	6.3	14.1	17.5	19.8	18.6	17	10.3	4.7
4.4	10.3	14.2	17.5	21.5	19	14.5	9.2	2
2.4	8	12.9	15.3	16.2	18.1	12.9	10.3	5
3.2	8.2	15.3	14	18.5	17.9	13.5	8.4	0.9
3.5	10	16	16.7	17.8	17.3	12.2	9.4	4.8
-0.8	9.2	11.8	15.6	18.2	15.6	15.2	9.6	4.7
2.1	8.9	15.4	16.7	18.7	17.9	13.8	9.6	-0.1
6.4	9.4	14	15.9	18.8	18.4	15.3	10.2	1.6
7.4	7.6	14.9	17	18.2	19.7	11.7	9.9	4.4
5.6	10.5	10.2	16.1	15.7	16	14.7	8	2
-1.1	8.1	9.7	13.4	15.4	17.4	11.9	6.7	1.3
1.6	7.5	11.2	15.9	17.6	16	13.2	7.1	6.3
-1.6	8	12.5	16.7	17.5	14.6	12	5.8	4.3
0.7	6.2	10.2	15.1	15.5	14.2	11.3	6.2	0.3
2.3	8.6	12.1	15.9	15.8	14.9	12.5	10.5	1.2
4.3	6.2	11.5	14.7	18.2	15.4	13.2	9.7	2
3.1	7.5	10.8	15.2	16	15	11.7	8.4	2.4
0.1	6.1	13.5	14.1	17.5	15.1	12.7	7.7	4.1
0.5	5.5	9.7	15.8	16.7	15.7	11.9	7.5	4.7
-0.8	7.2	12.5	13.4	17.3	17.8	10.2	7	2.7
3.4	6.5	11	15.2	16.9	15.4	9.4	4	3.5
2.4	4.4	12.1	15	16.1	16.5	13.3	5.6	1.2
4.7	6.4	10.5	13.3	15.5	16.9	12.1	4.2	2.6
2.3	6	11.8	13.8	17.1	16.6	14.6	6.7	1.1
-0.6	5.9	11.9	16.4	18.5	13.5	11.3	8.2	3.4
5.1	5.4	11.5	15.9	16.6	15.1	10.7	7.9	4
3.7	5.4	10.1	13.7	14.9	14.4	12.5	7.3	1.7
3.1	4.9	12.2	16.9	15.3	14.9	12.2	5.8	2.4
1.8	3.9	9.3	14.9	15	16.3	12.4	6.9	1.8
6.3	6.8	12.3	15.9	16.4	16.3	12.7	7.8	3.8
2.8	4.9	12.7	16.9	18.2	17.2	15.2	8.5	3.6
3.9	8.9	12.8	16.1	20.8	17.2	13.7	8.3	0.7
0.8	5.6	10.7	15	17.3	16.9	12.6	9	2.9
2	7	13.9	14	18.4	16.4	13.2	7	-0.3
1.5	7.2	14.1	14.9	16.3	16.3	11	7.7	3.1
-3.3	7.9	10.2	14.8	17.7	15.3	15.4	7.9	3
1.2	7.2	13.6	14.8	17.6	17.4	13.2	8.9	0.2
6.4	7.4	12.5	14	17.7	16.7	13.3	9.2	0.6
6.1	6.2	12.7	15.4	16.7	18.1	11.5	7.8	3.3
5.2	10.4	9.2	15.2	14.3	15	15.3	9	2.4
-1.1	7.6	8.8	13.3	14.5	15.6	11.7	7.6	1.5
1.3	7.9	11.7	15.3	17.2	15.4	13.2	7.1	6.1
-0.8	8	12.8	17.5	18	15.2	12.6	6.4	3.8
0.2	6	10.5	15.1	14.9	14.4	11.7	7.1	0.1
2.1	9.2	12.3	16.7	15.2	14.7	12.3	10.7	0.7
4.1	5.9	12	14.2	18.4	15.6	12.8	10.4	2.6
3.2	7.7	10.5	15.6	16	15.4	12.2	8.9	1.9
0.4	6.3	13.1	14.3	18.1	15.3	12.9	8.9	4

0	4.8	10.2	16.6	15.8	15.8	12.3	7.8	4.4
-0.2	8	13.1	13.1	17.9	17.4	10.9	7.2	2.3
4.6	6.4	10.6	14.6	17.3	15.2	10.1	5.2	2.5
2.8	4.3	12.3	15.5	16.3	16.8	13.7	6.2	1.7
5.6	7.1	10.3	13.4	14.6	16.9	12.5	4.1	2.5
2.8	6.2	12	14.1	17.3	17.6	14.8	6.5	1.1
0	6.2	12.6	17.1	19	14.9	11.8	8.4	3.5
5.5	4.9	11.4	15.5	16.1	15.6	10.9	8.7	3.7
3.7	6.4	10.7	13.9	15.1	14.2	11.5	7.7	2.1
3	5.6	12.3	17.1	14.8	15.3	12	6.5	2
2.6	4.8	9.8	14.4	14.2	16	12.8	6.6	1.2
6	6.9	12.2	15.3	15.6	15.6	13.2	7.5	3.2
3.5	5.5	12.2	15.9	18.3	16.6	14.9	8.6	4
3.3	8	11.3	16	20.2	16.9	12.8	8	1.1
1.2	5.8	10.2	13.3	15.3	16.1	11.5	9.1	3
1.9	6.7	13.2	12.9	17	16	13	7.5	-0.3
2.3	6.6	14.4	15.3	16.4	16.1	10.6	7.9	3.5
-2.7	8.5	9.3	13.6	16.7	14.7	14.3	8	3.3
1	7.8	13.9	14.6	16.9	16.3	12.5	8.7	0.9
5.9	7	13.3	14.8	17.4	16.2	13.9	8.9	0.4
5.8	6.3	13.6	15.1	16.3	18	10.8	8.1	3.2
6.1	11.7	11.3	17.4	16.6	16.6	15.6	10.3	3.7
-0.2	10	11	14.7	16.3	17.6	13.4	7.6	3.7
1.6	9.1	13.2	17.5	18.9	17.5	14.7	8.1	7.4
-0.2	9.8	14	18.2	18.9	15.8	13.4	7.3	4.7
1.2	7.2	11.2	16	16.5	15.5	13.5	6.4	0.4
3.5	9.9	13.1	17.3	17.1	16.3	13.2	12.5	3.2
5.6	7.7	13.5	16	19	17.2	14.7	11.4	3.4
4.6	9.3	11.9	17	16.9	16.6	13.9	9.2	4.3
0.6	7.7	15.3	15.9	19	16.5	13.7	9.1	5.2
1.3	6.8	11.8	16.9	17.7	17.2	12.7	8.5	5.9
0.9	9.1	14.4	14.7	18.4	19.4	11.6	7.7	3.4
5.9	8	13.1	16.5	18.8	17	11.4	5.8	4.7
4.6	6	13.4	16.4	17.7	18.2	15	7	2.7
7	8.2	12	14.4	16.4	18.6	13.5	5.7	4
4	7.7	13.4	15.7	18.8	18.7	16.6	7.7	2.3
0.3	7.9	13.6	17.3	19.4	16	12.9	10.4	5.3
6.6	6.4	13	16.9	17	16.3	12	9.5	5.4
5	7.4	12.3	15.5	15.9	15.4	12.8	8.9	3.1
4.5	7.3	14.3	18.9	15.5	16.3	13.4	7.5	3.5
3.2	5.9	10.9	15.5	15.6	16.9	13.3	8.3	2.8
7.2	7.5	14.4	17.3	17.3	17.4	14.2	9.3	4.7
4.6	6.1	14	17.5	19.2	18.2	16.2	10.2	4.9
4.4	10	13.8	16.9	20.4	18.2	14	9.4	2.4
2	7.1	12.5	14.9	16	17	13	10.2	5.1
3.3	8	14.2	13.8	18	17.6	13.6	8	0.8
3.2	9.1	15.2	16.1	18	17.7	12.1	9	4.6
-0.8	9.2	11.8	16.1	18.5	16.1	15.6	9.9	5
2.6	8.8	15.7	16.9	18.9	17.9	14.1	9.8	0.9
6.5	9.5	14.1	16.3	18.4	18.1	14.8	10.3	1.9

7.3	7.6	14.7	17.1	18.2	19.4	12.1	9.9	4.6
1.7	7.3	6	12.3	11.1	12.2	13.4	6.7	0.9
-4.7	4.5	5.1	9.6	11.3	13.2	8.7	5.4	-1.2
-1.3	4.3	7.5	11.9	14.1	12.1	10.3	4.4	3.6
-4.1	4.7	8.9	13.3	14.1	11.7	9.7	2.8	0.1
-1.8	1.7	5.9	11.4	11.2	11.1	9.1	5.3	-2.5
-2.1	5.3	8.5	12.3	11.5	11.1	9.5	8	-1.5
0.1	2	8.2	10.7	14.9	12.2	9.6	8.1	1
-0.5	4.5	7.1	11.7	12	11.5	8.7	6.4	0.7
-3.4	2.4	10	10.2	14.3	11.3	10	7.3	0.9
-3.4	0.8	5.7	12.5	12.6	12.8	9.6	4.5	2.6
-4	4.5	9.6	9.5	14.2	14.7	7.5	5	-0.8
1.5	2.3	7	11.2	13.5	12	6.3	2.6	0.4
-0.9	0.3	8.5	11.6	12.5	14.4	10.7	3.5	-1.5
2.3	3.3	6.8	9.3	11.1	14.1	9.4	-0.1	0.4
-0.3	2.3	8.4	10	13.8	13.8	12.7	4.5	-1.1
-4	2.8	8.7	12.9	14.9	10.8	8.3	7.2	0.5
2.6	1.3	7.9	11.7	12.6	12.2	7.3	7.8	-0.1
0.2	2	6.2	10.1	11.3	10.6	7.9	5	1.7
0.1	1.2	8.7	13.3	10.6	11.5	9.2	5.1	-1
-1.5	0.4	5.3	9.9	10.4	12.7	9.8	3.7	-1.9
2.6	3.3	8.6	11.6	11.9	12.5	10.2	4.2	-0.6
-0.6	0.4	8.8	12.2	14.4	13	12.7	5.8	2.7
-0.2	4.8	8.1	11.9	17.2	13.4	9.8	4.9	-0.1
-3	1.8	6.5	9.6	11.7	12.5	7.8	6.7	2.3
-1.6	2.5	9.2	8.6	13.5	12.7	9.9	5.3	-3.5
-1.6	4.1	10.6	11	12.5	12.6	8.5	6	2.4
-6.2	4.1	5.7	10.2	13.3	11.2	11.6	5.4	0.7
-2.9	3.6	9.5	10.8	13.4	13	8.9	6.6	-2
2.4	3.7	8.7	10.1	13.3	12.6	10.1	6.5	-0.4
2.7	2	9.6	11	12.6	14.3	7	6.9	-0.4
6.3	11.7	12.2	17.9	16.7	17.8	15.9	11.2	3.6
0.1	10.8	11.9	15.4	16.9	19	12.9	8.1	4.2
0.4	9.7	13.8	17.4	19.6	18.3	15.2	8.3	7.1
-0.5	9.8	13.7	19	18.9	16.5	14	8.2	4.6
2	7.6	11.7	16.6	17.1	15.8	14.4	6.4	0.7
3.7	10.5	13.6	17.1	17.4	16.6	13.6	12.5	3.5
5.5	8.7	14.3	16.5	19.8	17.7	15.5	10.5	3.3
4.5	10.2	13.1	18	17.5	16.9	13.9	8.6	5
0.3	8.6	16.4	16.3	19	16.6	14.1	9.5	5.5
1.4	7.9	12.5	17.5	17.8	17.5	12.8	8.2	5.7
1.4	9.7	15.7	15.7	19	19.8	11.9	7.8	3.2
5.9	8.5	13.5	17.6	19.3	17.1	11.6	6.6	4
4.4	7.4	13.9	16.6	18.4	18.6	14.9	6.9	1.5
6.7	8.3	12.6	15.1	16.8	19.3	13.7	6	3.8
4.6	8.3	14.7	16.3	18.7	18.5	17	8.6	2.5
1.2	9.1	13.7	17.1	19.6	16.2	13.3	10.2	5.7
6.8	7.4	13.5	17.8	17.9	16.9	12	9.6	5
5	7.4	12.3	15.9	16.3	16.4	13.2	9.7	1.9
4.6	7.6	14.9	19.3	16.7	17.6	14.5	7.8	4.2

2.4	6.4	11.5	16.3	17	17.5	13	8.6	1.9
6.7	7.9	14.5	17.9	18	17.9	14.8	9.6	3.5
4.2	6.7	14.2	17.4	19.2	18.8	17	9.8	4.6
5	11.1	15.5	17.2	21.7	19.4	14.9	8.8	1.3
2.7	8.7	13.6	15.7	17	18	13.6	10.3	4.1
3.2	8.7	15.4	14.8	18.9	18.1	13.9	8.3	0.1
2.5	11	16.4	17.2	18.3	18.2	12.9	8.6	4.2
-0.8	9.1	12.5	16.9	19.3	16.5	16.1	10.2	4.7
2.1	9.1	15.8	16.9	19.6	19.1	14.6	9.1	-0.3
6.6	10.4	14.3	15.8	19.4	19.1	15.1	10	1.9
7.4	8.4	14.9	17.1	17.9	19.2	12.3	9.6	4.7
4.4	10.6	10.2	16	14.9	15.2	14.4	8.4	2.3
-1.5	8.3	9.8	13.4	15.1	16.5	11.4	6.5	1.7
0	8	11.7	16.4	17.8	16.3	13.4	6.7	5.9
-1.2	8.3	12.5	17	17.2	14.6	11.8	6.4	4
-0.1	6	10.3	15.5	15.7	14	12.5	5.8	0.1
1.9	8.7	12.3	16.3	16.4	15	12.2	11.1	1.8
3.8	6.4	12.2	14.9	18.5	15.8	13.1	9.8	1.9
3.2	8.4	11.5	16.3	16	15.3	11.9	8	3.2
-0.1	6.4	13.9	14.2	17.3	14.6	12.9	8.1	3.5
0.1	5.3	10.1	16	16.6	16	11.4	7.1	4.3
-0.7	8	13.5	13.6	17.1	18	10.2	6	1.8
4.4	6.7	11.6	15.3	17.2	15.7	9.6	4.4	2.6
2.5	4.7	12	15.3	16.3	16.6	12.8	5.5	1
5.9	7.1	10.6	13	14.8	17.1	11.9	3.8	2.5
3.2	6.5	12.7	14.3	17	16.6	15.1	6.8	1.1
-0.5	6.6	12.4	16	18.2	13.6	11	8.8	3.9
5.3	5.4	12.3	16	15.8	15.4	10.4	8.7	3.6
3.8	6.2	10.9	14.4	14.9	14	11.6	7.9	1.2
3.6	5.7	13.3	17.5	14.6	15	12.1	6.6	2.1
2.4	4.6	10.1	14.8	14.8	16	12.4	6.5	1.3
5.9	7.1	13.1	16.3	16.2	16.5	13.2	8	3.5
3.3	5.4	13.2	16.4	17.9	16.9	14.9	8.6	3.5
3.2	9.2	12.8	16.1	20.3	17.8	12.8	7.9	1.2
1.3	6.2	11.4	13.9	15.4	16.2	11.9	8.8	3.8
2	6.7	13.5	13	17	16.9	13.2	7.5	-0.3
2.1	8.8	15	15.6	16.5	17.1	11.8	8.4	3.6
-2.9	8.1	10.5	14.7	17.5	15	15.3	8.9	3.4
0.9	7.9	14	15.1	17.8	16.7	12.8	9	-0.3
5.9	8.3	12.7	14.6	17.4	17	13.7	9.2	0.5
6.4	6.4	13.4	15.4	16.5	18.3	10.7	8.7	3.6
6	11.7	10.7	16.2	16.2	16.3	16.1	9.3	2.6
-0.1	8.6	9.9	14.5	16.3	17.7	12.5	7.6	1.9
1.9	8.8	12.4	16.1	18.3	16.6	14	7.9	6.7
-0.2	9	13.4	17.8	18.8	15.6	13.2	7	4.5
1	6.8	11	16	15.9	14.7	12.2	6.7	0.7
2.8	9.7	12.9	17.1	16.3	15.5	12.8	11.4	1.7
4.7	6.5	12.6	15.3	19.2	16.6	13.8	10.4	2.9
4.2	8.5	11.5	16.5	16.9	16	12.7	9.2	2.7
1	7.3	14.2	15.1	18.8	16.5	13.9	8.7	5

1.1	6	10.8	17.5	17.5	17.3	13.1	8.3	5.2
0.1	8.9	13.8	14.4	19.2	19.3	11.5	7.8	3
5.2	7.4	11.6	15.6	17.8	16.6	10.1	5	3.7
3.2	5.1	12.9	16	16.9	17.9	14.4	6.4	1.9
6.3	7.7	11.4	14.3	15.8	18	13.3	4.5	3.1
3.3	7.2	12.7	14.7	17.9	18.4	15.7	7.3	1.8
0.7	7	13.3	17.8	19.5	15.2	12.2	8.9	4.3
6.1	6	12.4	16.3	17	16.2	11.5	8.8	4.4
4.6	7.1	11.4	15.2	16.3	15.6	12.7	8.4	2.3
4.3	6.4	13.3	18.1	15.9	16	13.2	7.3	2.9
3.2	5.2	10.2	15	15.2	17.2	13.8	8.2	2.6
7.1	7.5	13.1	17	16.9	17.1	14.5	8.8	4.2
4.3	5.9	13.4	17.5	20.1	18.5	16.6	9.4	4.1
4.6	9.4	12.8	17.6	21.8	18.1	14.3	8.9	1.4
2.1	6.6	11.5	14.8	16.5	17.3	12.6	9.9	3.8
2.5	8	14.2	14.5	18.5	17.7	14.4	8.1	0.8
3	8.2	15.2	15.8	17.3	17.5	12.5	9.1	4
-2.1	9	10.3	14.9	17.9	16.2	15.7	9	4
2.2	8.4	14.3	15.3	18.1	18	13.8	9.5	1.1
6.8	7.7	13.2	14.8	17.9	17.2	13.9	9.4	0.9
6.8	6.8	13.9	15.8	17.5	18.9	11.3	8.6	3.8
4.9	10.3	9.9	15.9	14.8	15.6	15.4	8.7	2.1
-1.9	8.1	9.4	13.3	14.9	16.8	11.7	7.6	1.3
0.4	7.6	11.5	15.5	18	16.4	13.8	7.2	5.5
-1.7	8.1	12.2	16.9	17.6	14.8	12.2	6.4	3.4
0.4	5.6	9.8	14.9	14.9	13.9	12.3	6.7	-0.8
1.6	8.6	12.1	15.8	15.5	14.9	12.1	11	1.2
3.4	6.2	12.1	14.4	18.2	15.8	13.2	9.6	1.7
2.8	8.3	10.9	16	15.9	15	11.9	8	2.9
-0.8	6.4	13.8	14.2	17.6	15.3	12.9	9.2	3.5
0	5.3	9.8	16	16.5	16.1	11.9	7	4.1
-1	7.5	13.3	13.2	17.5	18.4	10.4	7	1.7
4.2	6.2	11.3	15.2	17.3	15.6	9.8	5.3	2.7
2.8	4.4	12	14.9	16.3	17.5	13.7	5.9	0.5
5.3	6.9	10.4	12.9	14.9	17.6	12.2	3.6	1.9
3.1	6.1	12.6	14.3	17.3	17	15.5	7.3	0
-0.8	6.7	12.2	16.5	18.4	14.1	11	8.3	3.4
5.1	5	11.7	15.8	16.1	15.2	10.4	8.9	3.4
3.3	5.6	10.3	14.1	14.9	14.5	11.6	8.1	0.2
2.9	5.3	12.7	17.4	14.1	15.1	12.6	6.2	1.8
1.2	4.1	9.1	14	14.4	15.8	12.2	6.2	0.9
5.3	6.5	12.3	16	16	16.2	12.9	7.4	2.7
2.9	4.6	12.4	15.7	18	16.7	15.6	8.1	2.6
3	8.3	12.4	15.4	20.1	17.5	13	7.8	0.5
0.8	5.8	10.7	13.4	15	16	11.5	8.4	2.9
1.2	6.4	12.7	12.5	16.9	16.3	12.7	7.1	-0.9
1.1	8.4	14	15	15.9	16	11.5	8	2.9
-2.9	7.6	9.8	13.9	16.9	14.4	14.4	8	2.6
0.2	7.2	13	14.5	17.2	16.5	12.3	7.8	-1.1
5.3	7.5	11.9	13.7	16.8	16.4	13.2	8.8	0.2

5.8	5.7	12.8	14.7	16.2	18.2	10.2	8	3
5.6	11	10	16.3	15.1	15.7	16	9.3	2.5
-0.7	8.4	9.7	14.3	15.3	16.8	12.3	8.1	1.8
1.4	8.2	12.1	15.8	17.8	16.2	13.7	7.2	6.1
-1.1	8.4	13.4	17.6	18.5	15.3	13.1	6.5	3.6
0.5	6.4	10.3	15.2	15.2	14.8	11.8	6.8	-0.5
2.5	9.4	12.9	16.5	15.7	15.1	12.6	10.9	1.1
4	6.3	12.6	14.8	18.9	16.4	13.3	10.3	2.2
3.6	8.3	10.9	16.1	16.5	16	12.7	8.8	2.3
-0.4	6.4	13.9	15	18.7	15.9	13.5	8.8	3.7
0	5	10.5	16.6	16.7	16.4	12.5	7.6	4.4
-0.1	8.3	13.5	13.5	18.5	18.6	11.3	7.6	2.1
4.7	6.7	11.2	15.2	18	16.3	10.4	5.4	2.9
3.3	4.5	12.6	15.9	17.1	18.1	14.6	6.2	1.3
5.4	7.8	11.1	13.7	15	18	13.3	4.2	2.4
2.7	6.4	12.4	14.5	17.7	18.2	15.7	6.4	1.2
-0.3	7	12.9	17.4	19.2	15.4	12	8.4	3.8
5.4	5.1	11.6	16	16.6	15.9	11	8.4	3.5
3.7	6.5	10.9	14.1	15.3	14.6	11.4	7.7	2.3
3.1	5.9	12.9	17.8	14.7	15.7	12.5	6.3	2.3
2.1	4.9	9.8	14.8	14.5	16.3	12.7	6.7	1.1
5.8	6.7	12.9	16	16	16.5	13.7	7.5	3.3
3.6	5.6	13.1	17.1	19.3	17.4	16	8.8	3.7
3.4	8.8	12.1	16.2	21	17.6	13.3	8.1	1.3
1.5	6.3	11.2	13.9	16.1	16.8	11.7	8.9	3.1
1.8	7.1	13.7	13.6	17.9	17	13.6	7.9	-0.2
2.4	7.9	14.6	15.8	17.1	16.7	11.7	8.5	3.7
-2.2	8.7	10.5	14.5	17.5	15.3	14.8	8.2	3.9
1.2	8.4	14.1	14.9	17.5	17.2	12.8	8.7	0.6
6.2	7.7	13.8	15	17.8	16.9	14.3	9.2	0.4
6.4	6.9	14.4	15.9	17.3	19.1	11.2	8.4	3.3
6.4	11.6	11.8	18.1	17.3	18.1	16.9	10.4	3.5
0	10.2	11.4	15	16.9	19.1	13.1	9.2	3.1
1	9.7	13.7	17.6	20.4	18.8	15.7	8.9	7
-0.3	9.9	13.7	18.9	19.7	17.1	14.5	8	4.9
1.9	7.8	11.9	16.6	17.3	16	14.4	7.2	0.7
3.5	10.4	13.8	17.2	17.6	17.1	14.1	12.6	2.9
5.4	8.7	14.1	16.3	20.2	18.3	15.1	10.8	2.9
4.8	10.3	13	17.9	18.4	17.1	13.8	9.2	4.6
0.6	8.9	16.1	15.8	19	16.9	14.8	10.6	5
1.7	7.7	11.7	17.8	18.4	18.2	13.7	8.4	5.7
1	9.5	14.9	15.4	19.5	20.5	12.6	8.3	3.4
5.8	8	12.9	16.9	19.2	17.7	11.9	6.9	3.9
4.6	6.6	14	16.8	18.4	19.6	15.3	7.5	2
6.8	8.6	12.5	14.8	17.3	19.8	14.2	5.6	3.3
4.7	8.2	14.3	16	19.1	18.6	16.9	8.5	1.7
1	8.7	13.9	18.2	20	15.8	12.6	9.5	5.1
6.9	6.9	13.2	17.6	18.2	17	12.2	10.3	4.8
5	7.3	11.9	15.7	16.7	16.6	13.6	9.7	1.1
4.7	7.2	14.6	18.9	16.3	17.2	14.4	7.5	3.5

2.5	6.1	10.8	15.7	16.4	17.8	13.8	7.9	2.1
6.8	8.2	13.8	17.8	17.9	18.6	14.7	9	3.9
4.5	6.6	13.9	17.4	19.4	18.9	17.3	9.5	3.8
4.8	10.4	14.2	17.4	22.4	19.8	14.8	9.4	1.7
2.6	7.8	12.6	15.2	16.6	17.6	13.2	9.7	4.3
2.6	8.6	14.6	14.5	18.6	17.8	14.3	8.5	0
2.5	10.4	15.6	16.7	17.9	17.8	13.4	9.3	3.9
-1.4	9.3	11.8	16	18.9	16.3	16.2	9.6	4.1
1.9	9.1	15.3	16.5	19.5	18.6	14.2	9.2	0.1
7	9.5	13.7	15.7	19.1	18.4	15	10.4	1.9
7.5	7.7	14.7	16.7	18.2	19.9	12.3	9.6	4.6
4.6	9.9	8.4	14.8	13.5	14.3	14.6	8.3	1.7
-2.2	6.9	7.9	12.7	13.7	14.9	10.9	6.7	0.7
0.5	6.9	10.8	14.3	16.2	14.7	12.3	6.3	5.4
-2.2	6.9	12	16.6	17.2	14.1	12	5.6	2.8
-0.5	5.1	9.4	14.4	14.1	13.7	11.2	6.4	-1
1.2	8.1	11.6	15.5	14.6	13.9	11.4	10	0.1
3	4.9	11.3	13.4	17.4	14.7	12	9.4	1.8
2.1	7.1	9.5	14.9	15	14.7	11.3	8	1.2
-1.3	5	12.3	13.7	17.6	14.5	12	8	3.1
-1.1	3.6	9.2	15.5	14.9	14.7	11.1	6.6	3.3
-1.3	6.7	11.9	12.2	16.9	16.9	9.6	6.4	1.2
3.4	5.3	9.7	13.8	16.8	14.2	8.8	4.2	1.9
1.7	3.2	11.1	14.6	15.6	16.3	12.8	5.3	0.5
4.3	6.1	9.7	12.7	14.1	16.2	11.6	3	1.6
1.8	5.2	11.3	13.6	16.8	17.5	14.5	6	0.5
-1.4	5.5	11.9	16.1	18.3	14.5	11	7.5	2.8
4.3	4.1	10.8	15	15.6	14.8	10.1	8	2.7
2.8	5.3	10.1	13.1	14.4	13.4	10.5	7	1.6
2.1	4.8	11.7	16.7	13.9	14.5	11.4	5.4	1.3
1.2	4	9	13.6	13.5	15.2	12	5.9	0.6
5	5.8	11.5	14.8	15	15.2	12.5	6.7	2.4
2.6	4.4	11.5	15.5	17.6	16	14.6	8	3.4
2.3	7.4	11	15.4	19.9	16.5	12.1	7.3	0.5
0.1	5.2	9.6	12.6	14.4	15.6	10.8	8.5	2.3
1.1	6	12.5	12.1	16.6	15.5	12.1	7	-1
1.5	6.4	13.6	14.7	16	15.3	10.2	7.2	3.1
-3.4	7.5	9	13.2	16	13.9	13.3	6.9	2.6
0	7	13.1	13.5	16.4	15.8	11.7	7.7	-0.3
5.2	6.3	12.4	13.9	16.7	15.4	13.2	8.3	-0.6
5.1	5.5	12.6	14.4	15.4	17.1	9.7	7.2	2.4
4.9	10.6	9.3	15.7	14.7	15.1	15.2	9.7	3
-1.4	8.5	9.2	13.3	14.5	15.6	11.8	8.1	2.9
0.8	7.8	11.6	15.8	17.6	16.3	13.4	7.7	6.8
-1.6	7.8	12.7	17.3	17.5	14.4	12.5	6.7	3.4
0.2	5.8	9.9	14.9	15.1	14.7	13	7.2	-0.5
2.1	8.6	12.1	16.2	15.5	15.1	11.6	11.2	2
4.4	5.6	12.6	14.3	18.3	15.6	13.6	10.9	3
3.1	8	10.5	16	15.3	15.5	12.5	8.9	2.9
-0.8	6.2	13.6	14.5	17.6	15.2	12.6	9.7	4.3

-0.4	5	10.2	16.1	16.5	15.8	11.6	7.6	4.7
-0.4	7.7	13.5	13.3	17	18.1	10.5	7.3	2
4.7	6.3	11.3	14.6	17.8	15.2	9.7	5.8	3.5
2.9	4.2	11.9	15	15.9	16.5	13.3	6.3	1.6
5.7	6.4	10.2	12.7	14.7	17.2	12.8	4.6	3.4
3.6	5.9	11.4	14.2	17.2	17.4	15.7	7	1.4
-1	5.5	11.5	15.2	17.9	14.4	11.6	9.7	4.3
5.1	4.6	11	15.2	15.1	15.2	10.4	9.6	4
3.6	5.7	10.7	13.8	14.7	14.1	10.8	8.4	2.6
2.9	5.8	13.1	17.3	13.6	15.3	11.9	7.3	2.6
1.4	4.1	9.2	14.1	14	15.4	12.3	7.2	1.4
5.7	6	13.2	15.8	15.9	15.7	13.2	7.8	2.8
3.6	4.9	12.4	15.8	17.9	17.2	15.2	9.6	4.3
3.6	8.7	12.3	15.5	19.1	16.8	13	8.5	2
0.9	5.8	11.3	13.1	14.4	15.8	11.6	9.6	4.3
2	6.7	13.2	12.2	16.5	16.2	12.1	7.8	0.1
2.5	7	14.3	14.7	15.9	15.7	10.5	8.6	4.7
-2.5	7.7	9.6	14.2	16.4	14.4	13.6	9	4
0.7	7.2	13.9	14.6	17.1	16.2	12.4	8.7	0
5.5	7.8	12.8	14.3	16.9	16.5	13.9	9.9	1.5
6.2	6.7	13.2	15.2	15.8	17.3	10.6	9.3	3.9
-0.9	5.2	4.4	11	9.3	10.4	11	5.7	-0.3
-7.1	3.3	3.8	7.2	9.3	11.8	6.8	5.2	-1.3
-4.3	2.3	7.6	10.2	13.2	12.2	9.9	2.9	2.3
-5.7	2.9	6.9	12.7	12.1	10	7.6	3.8	-1.2
-3.7	0.2	4.1	9.7	10	9.3	8.6	4.3	-4.4
-4	3.7	7	10.7	11.1	10.6	7.4	7.4	-2.3
-2	0.6	7.4	9.8	13.8	11.6	10.6	6.3	-0.8
-2.7	4	6.7	11.5	10.3	10.7	8.3	4	0.4
-4.9	1.6	9.5	8.9	12.2	10.5	8.5	5.8	-0.4
-4.8	-0.1	5	10.7	11.1	11.5	6.6	2.5	0.7
-5.9	1.9	9.6	8.5	12.1	13.2	5.3	2.8	-2.1
-0.1	1.4	6.6	10.7	13	10.7	5.3	0.9	-1.7
-2.5	-0.4	6.7	9.1	11	12.7	9	2	-4.1
1.4	1.4	5.2	7.4	9.6	13.4	8	-1.3	-1.9
-0.8	0.4	8.1	9.2	12.2	11.9	11.3	4	-2.6
-6.6	1.4	6.9	9.5	12.8	9.1	6.8	6.3	-0.6
0.3	-0.4	6.2	10.6	10.2	10.6	5.4	6.2	-1.4
-2.1	0	4.8	9	9.6	9.1	5.6	4.2	0.8
-1.5	0.7	7.8	12.5	8.7	10.7	8.9	2.6	-2
-4	-1.2	3.4	8.4	9.4	10.3	7	2.1	-3.4
0	0.6	7.6	10.5	11.1	11	8.7	3.4	-2.9
-2	-1.6	7.8	10.4	12.5	12.4	11.6	5.4	0.4
-2.2	3.5	8.9	10.4	13.8	12.5	8.7	3.1	-2.7
-4.6	1	6.1	7.7	9.4	11.6	7.4	4.8	0.9
-2.2	0.9	8.2	6.8	11.8	11.8	7.2	4.2	-4.6
-2.1	3.7	9.4	9.5	10.7	11.6	6.8	4.1	0.3
-9	1.1	4.4	9.8	12.4	9	9.2	4.1	-1.5
-5.5	1.3	8	9.1	12.9	12.3	7.7	4.5	-5.2
-0.1	3.8	7.2	8.3	11.8	11.8	9	4.6	-2.3

1.1	0.9	7.7	9.9	10.9	12.9	4.8	4.9	-1
5.2	10.9	10.3	16.4	15	15.9	15.8	10.5	3.6
-1.6	9	9.4	13.5	14.9	16.9	12	8.5	2.9
0.4	7.6	12	15.8	18.4	17.3	14.2	7.8	6.9
-2.5	7.7	12.6	17.3	17.2	14.9	13	7	3.5
1.3	5.5	9.4	14.8	15.1	15	14.2	7.7	-0.2
1.8	8.7	12.2	15.8	16	15.6	12.4	11.6	2.1
4.3	6.1	12.5	15.1	18.3	16.4	15	11.3	3.6
3.2	8.5	10.8	16.1	15.6	15.9	12.9	8.4	3.9
-2.1	6.4	13.9	14.9	17.5	15.6	13.6	9.5	4.5
0.1	5.6	10.7	16	16.4	16	11.9	7.6	4.9
-0.6	7.6	14	13.8	17.3	18.5	10.7	8.2	1.9
4.5	6.2	11.6	15.2	17.8	15.3	10.5	5.5	3.6
3.2	4.8	11.8	14.4	16.5	17.6	14	6.8	1.5
4.8	6.9	10.4	13.2	15.1	17.5	12.8	4.4	3.4
3.5	6.1	12.3	14.4	17.4	17.2	16.3	7.7	1.6
-1.2	6.2	12	15.1	17.7	14.6	11.5	9.4	4.2
5.5	5.1	11.3	16	15.7	15.2	10.2	10.3	4
4.1	5.1	10.5	14	14.8	14.7	11.1	9	3.3
2.9	5.2	13.2	17.1	14.4	15.6	12.8	6.6	2.6
0	4.2	8.8	14.3	14.9	15.6	12.4	7.4	0.8
5.5	5.9	12.8	15.8	16.1	16	13.4	8.2	2.5
3.5	4.8	12.6	15.4	17.5	17.7	15.9	9.3	4.9
3.5	9	13.2	15.3	19.5	17.9	13.8	8.7	2.3
0.5	6.7	11.4	13.3	14.7	16.8	11.8	9.9	3.8
2	7	13.7	12.6	16.6	16.4	12.8	8.2	-0.7
1.6	8.6	14.1	14.6	16.1	16	10.7	9	4.9
-3	7	10.2	14.7	16.9	14.5	14	8.8	3.8
0.3	7	13.3	14.8	17.3	17	12.9	8.4	-0.3
5.5	7.9	12.5	13.7	16.7	16.9	13.8	9.9	1.8
6.3	6.2	12.9	14.9	16.4	17.9	10.5	9.7	3.7
3.4	8.7	7.2	14.1	12.5	13.6	14.4	7.6	0.9
-3.6	6.2	7	11.4	12.5	14.1	10.1	6.9	-0.2
-0.3	5.7	9.8	13.5	16.4	14.1	11.9	5.8	4
-3.8	5.9	11	15.6	16.5	13	11.1	4.4	1
-1.8	3.9	7.9	12.8	13	13	10.5	6.3	-2.4
-0.5	6.8	10.5	14.3	13.3	13	10.3	8.9	-1
1.6	3.6	10.1	12.4	16.4	14	11.6	8.6	0.9
1.1	6.5	8.2	13.7	13.6	13.6	10.6	7	0.6
-3	3.7	11.6	12.5	15.9	13.8	11.1	8.2	1.6
-2.3	2.4	8	14.3	14	14.2	10.2	5.3	2.4
-2.4	5.4	11.4	11	15.6	16.4	8.9	6.6	-0.1
2.4	3.8	9	12.8	16.1	13.1	8.5	4	1.1
1.2	2	10.2	13	14.5	15.7	12.4	4.3	-1
3.1	5.2	8.5	11.3	12.5	15.3	10.7	1.9	0.6
1	3.6	9.5	12.1	15.8	16.2	14	6.2	-1.2
-2.9	4.3	10.1	14.5	16.8	13.3	9.7	6.6	1.4
3.1	2.5	9.5	13.3	13.4	13.5	8.4	7.6	1.4
1.2	4.2	8.8	12.2	12.7	12.4	8.7	6.3	0.7
0.6	3.3	10.6	15.3	11.6	13.4	10.7	4.2	0.3

-0.9	2.2	7.4	11.9	12.1	13.7	10.8	4.6	-1
3.4	4.2	10.6	13.2	13.4	13.8	11.6	5	0.5
1.3	2.7	10.4	13.8	16.4	15.4	14.4	6.7	2.1
1	6.2	9.9	13.8	18.4	15.6	11.4	6.3	0.5
-1.5	3.8	8.5	10.7	12.3	14.5	9.2	7.4	0.9
-0.7	4.7	11	10.2	14.5	14.2	10.7	6.3	-2.5
-0.1	4.7	11.9	13	14.4	13.8	9	6.5	2.5
-4.6	5.9	7.2	11.5	14.3	12.3	11.9	5.7	1.1
-1.7	5.4	11.6	12.5	14.9	14.7	10.3	6.1	-1.9
3.8	5.2	11.2	12.6	14.7	14.6	12	7.8	-0.3
4	4.3	11.8	13	13.8	16.2	8.2	6.7	0.9
5.9	11.2	11.2	17.5	16	16.9	14.9	10.4	3.5
-0.5	10.2	11	14.7	16.3	18.3	12.4	7.9	4
-0.1	8.7	13.1	17	19.1	18.2	14.8	8.2	7.9
-1.1	8.5	13.2	18.5	18	15.7	12.9	8	4.3
2.4	6.9	11.3	16.3	16.7	15.6	14.8	7.1	0.7
3.1	10.1	13	16.5	17.1	16.5	13.4	12.5	3.4
5.2	7.5	13.9	16.4	19.7	17.7	15.8	11.3	4
4.3	9.8	12.5	17.6	17	17	13.9	8.8	5.2
0	7.8	15.6	16.2	18.8	16.5	14	9.2	6
1.6	7.8	12.1	17.3	17.7	17.2	12.4	8.3	6
0.5	9.1	15.1	15.5	18.5	19.3	11.6	8	2.6
5.6	8.1	12.9	17	18.8	16.6	11.5	6.2	4.7
4	6.9	13.2	16	17.8	17.4	14.2	7.3	1.9
6	8.1	12.2	14.5	16.6	18.7	13.3	6	4.3
4.9	7.8	14.3	16.1	18.7	18.1	16.7	8.5	2.5
0.8	7.9	13.3	16.4	18.7	15.2	12.9	9.9	5.6
6.5	6.8	12.9	17.8	17.5	16.7	11.7	10	5.3
5	6.6	11.9	15.7	16	15.6	12.3	9.3	2.6
4.7	7	14.5	18.6	16.3	17.1	13.7	7.4	4
1.9	5.7	10.6	15.6	16.6	16.8	12.6	8.6	2.1
6.7	7.1	14.3	17.3	17.9	17.6	14.5	9.7	3.7
4.3	5.9	13.7	17.1	18.7	18.3	16	9.9	5.2
4.7	10.3	15.3	16.8	20.2	18.1	14.4	9.4	2.1
1.9	7.8	13	14.8	15.9	17.2	13.1	10.5	3.6
3.4	8.2	14.5	13.9	18.2	17.3	13.5	8.3	0.5
2.4	9.9	15.2	16.2	17.4	17.3	12	8.8	4.9
-1.7	8.3	11.4	16.5	18.9	15.8	15.2	9.5	4.5
2.1	7.8	14.8	16.1	18.9	18.2	14.2	8.5	-0.2
6.1	9.8	13.4	14.9	18.2	17.9	14	10.5	2.2
6.8	7.7	13.9	16.3	17.6	18.2	11.9	9.4	5
3.5	9.1	8.6	14.9	13.6	14.5	15	8.3	1.3
-3.1	7.4	8.3	12.3	13.9	16.1	10.8	7.8	0.5
-0.9	6.4	10.4	14.3	17	15.3	12.7	6.3	4.9
-3.2	7	11.3	16.3	16.8	13.9	11.5	5.7	2
-0.5	4.3	8.4	13.5	14.2	13.6	11.7	6.4	-2.4
0.2	7.5	11.1	14.7	14.6	14.2	11.3	10.1	0.1
2.3	4.9	11.1	13.6	17.5	15.4	13.2	9.4	1.4
1.7	7.5	9.7	15.1	14.6	14.3	11.5	7.1	2.3
-2.6	5.6	13	13.2	16.5	14.2	12.4	9	2.5

-1.3	4.1	9.1	14.6	15.1	15.1	10.9	6	3
-2.1	6.3	12.5	12.1	16.2	17.4	9.3	6.4	0.3
3.3	4.8	10.1	14	16.3	13.6	8.7	4.2	1.6
1.7	3	10.8	13.4	14.8	16.7	12.9	5	-0.8
4.1	5.5	8.9	11.7	13.5	16.6	11.4	2.9	1.6
2.2	4.8	11.2	13.2	16.4	16.1	14.9	6.6	-0.7
-2.4	5.5	11	14.8	16.9	13.4	10	7.8	2.5
4	3.6	10.3	14.4	14.3	14.2	9.2	8.5	2.2
2	4.4	9.1	12.8	13.5	13.1	9.7	7.1	-0.2
1.7	4.3	11.9	15.9	12.4	14.2	11.8	5.2	1
-0.7	3	7.9	12.9	13.2	14.8	11	5.5	-0.3
4	4.8	11.5	14.4	14.8	15.2	12.5	6.6	1.1
2	3.3	11.3	14.7	16.8	16.3	15.4	7.8	2.4
1.9	7.5	11.9	14.2	18.7	16.6	12.5	6.9	0
-0.7	5.2	10.1	11.9	13.4	15.2	10.5	8.2	2.2
0.2	5.2	12.1	11.3	16	15.1	11.4	6.3	-1.8
0.3	7.1	12.7	13.4	15.2	15.2	10.4	7.4	2.4
-4.3	6.3	8.9	12.9	15.7	13.3	13.4	7.3	1.9
-0.8	6.1	12.3	13.6	16.5	16.2	11.5	6.9	-2.2
4.2	6.9	11.2	12.6	15.7	15.6	12.9	8.4	-0.1
4.6	4.6	12	13.9	14.9	17.3	9.1	7.5	1.8
5.3	10.8	10	15.8	15.3	15.4	15.3	8.6	2
-0.7	8.3	9.6	13.8	15.1	16.8	11.9	7.1	1.7
1.1	8.1	11.9	15.9	17.7	16.3	13.7	7.2	6.2
-0.8	8.3	13	17.1	18.2	15.1	12.5	6.4	3.8
0.9	6.1	10.3	15.4	15.4	14.4	11.7	6.2	-0.1
2.3	9.3	12.5	16.4	15.6	14.8	12.4	10.9	1.2
4.1	6	12.3	14.6	18.5	15.9	13.1	9.7	2
3.4	8.2	11	15.4	16	15.3	12.1	8.4	2.4
0.2	6.7	13.7	14.4	18.2	15.4	13.1	8.2	4.1
0.5	5.5	10.4	16.5	16.9	16.3	12.2	7.5	4.5
-0.4	8.2	13.1	13.4	17.9	18.4	10.6	6.9	2
4.4	6.7	11.4	15.2	17.3	15.8	9.6	4.7	2.7
2.6	4.7	12.6	15.6	16.2	17.2	13.9	5.7	1.3
5.9	7.3	10.7	13.5	14.9	17.4	12.7	4	2.5
2.7	6.5	12.4	14.2	17.3	17.3	15.2	6.6	1
-0.3	6.5	12.6	16.6	18.7	14.1	11.5	8.5	3.7
5.5	5.2	11.7	15.7	16.1	15.6	10.7	8.3	3.6
3.7	6	10.4	14	15	14	11.5	7.5	1.6
3.3	5.6	12.6	17.3	14.7	15.2	12.1	6.3	2
2.3	4.3	9.6	14.4	14.1	16	12.4	6.6	1.5
6	6.9	12.5	15.8	15.8	15.9	13	7.6	3.3
3.4	5	12.8	16.2	18.6	17	15.3	8.6	3.6
3.4	8.6	12	15.9	20.4	17	12.7	7.8	1
1.3	5.7	10.6	13.6	15.4	16	11.4	8.8	3.1
1.7	6.7	13.2	13	17.3	16	12.5	7.1	-0.4
2	7.9	14.3	15.1	16.1	16.2	11	7.8	3.2
-2.6	8.3	9.9	14.1	16.8	14.7	14.5	8	3.2
1.3	7.6	13.8	14.4	17.1	16.5	12.3	8.7	0.1
6.1	7.5	12.5	14.4	17.1	16.1	13.2	8.6	0.3

6.2	6.3	13.2	15.1	16.4	18	10.7	8.2	3.2
6.4	12	12.2	18.2	17	17.5	15.9	10.9	3.7
0.4	10.8	11.5	16	16.8	18.4	12.6	8.4	4.7
1	9.9	14.4	17.6	19.6	18	15.3	8.2	7.3
0.1	9.9	14.1	19.4	19.1	16.5	13.9	8.3	4.6
2.8	8.1	12.1	16.8	17	16.1	14.6	7.3	0.9
4	10.9	13.8	17.4	17.5	16.7	13.5	12.7	3.9
5.4	8.7	14.6	16.7	20.2	18.4	15.8	10.8	3.8
4.5	10.3	13.3	18	17.7	17.1	14.2	8.7	5.5
0.9	8.9	16.2	16.7	19.3	16.9	14.4	9.5	5.3
1.8	8	12.8	18	18	17.9	13	8.4	6
1.4	9.7	16	15.6	19.3	19.9	12.3	8.1	3
6.2	8.9	13.6	17.8	20.3	17.7	12.1	7.2	4.3
5.2	7.6	14.4	17.2	18.8	19.3	15.4	7.4	1.7
7.3	9.3	13.3	15.3	16.8	19.8	14.1	6.3	4.2
5.2	8.6	15.4	17.1	19.7	19.5	17.2	9	2.7
1.1	9.4	14.3	17.9	20.1	16.3	13	10.2	5.7
6.9	7.2	13.5	18	17.6	16.9	12.1	9.4	4.8
5	7.4	12.5	15.9	16.2	16.2	12.7	9.7	2
4.5	7.7	15.1	19.2	16.4	17.3	14.3	7.8	3.8
2.5	6.6	12.2	16.3	16.7	17.3	13.6	8.5	2
6.8	8.3	14.1	17.9	17.9	18.3	14.9	9.5	3.6
4.5	7.2	14.8	18.1	19.9	19.1	17.4	9.9	4.5
5.2	11.2	15.8	17.9	22.2	20.1	15	9.1	1.6
3	9.1	13.5	15.7	16.6	18.4	14	10.2	4.1
3.3	9	15.9	14.8	19.6	18.1	14.2	8.7	0.9
2.9	10.9	16.4	17.6	18.3	18.5	13.4	9.6	4.2
-0.7	9.4	12.9	16.5	20	16.8	16.2	10.5	5
2.5	9.9	16.2	17.4	19.9	19	14.8	9.5	-0.2
7.1	10.6	15.1	16.6	19.8	19	15.9	10.4	2.4
7.8	8.3	15.2	17	18.5	19.6	12.3	9.9	4.7
5.3	11	9.8	16.2	15.1	15.6	16.3	9.4	2.3
-1.1	8.5	9.5	14.1	14.8	17	12.8	8.4	1.6
1.2	8.2	12	16	18.7	16.7	14.1	7.9	6.2
-1.5	8.4	13.2	17.6	18.6	15.3	13.1	6.8	3.2
0.8	6.3	9.9	15.2	15.2	15.4	12.8	7.7	-0.6
1.8	9.1	12.7	16.5	15.9	15.4	12.8	11.4	1.2
4.1	6.4	12.5	15.2	18.8	16.8	14	10.7	2.5
3.5	9	10.9	16.2	16.1	15.8	12.6	8.6	2.8
-0.7	6.7	14.2	15	18.1	15.9	13.8	9.8	3.7
0.4	5.3	10.6	16.4	17	16.6	12.6	7.1	4.5
-0.1	8.2	13.8	13.5	18	19.1	11.1	7.9	1.7
5	6.5	11.8	15.1	18	15.8	10.5	5.7	3.1
3.6	4.7	12.5	15.4	16.9	18.2	15	6.4	1
6	7.8	11.2	13.5	15.1	17.7	12.9	4	2.8
3.7	6.5	12.3	14.3	17.9	18	16.4	6.8	1.1
-0.7	7.1	12.7	16.6	18.9	15.4	11.9	9.2	3.9
5.7	5.3	12.1	15.9	16.2	15.8	10.9	9	3.6
3.7	6.5	11.2	14.7	15.2	15	11.6	8.2	2.2
3.2	6	13.3	18	14.2	15.9	13	6.6	2.3

1.6	4.7	9.7	14.4	14.1	16.1	12.6	7.1	1
5.8	6.8	13	16.1	15.8	16.5	13.8	7.6	2.9
3.4	5	12.8	16.2	18.3	17.3	16.3	8.8	3.6
3	8.6	12.5	15.8	20.6	17.8	13.3	8.1	1
1.2	6	10.9	13.3	14.6	16.4	11.3	8.9	3.2
1.6	6.6	13.2	12.5	17.2	16.6	12.5	7.3	-0.8
2.1	8.2	14.4	15.2	16.3	16.3	11	8.2	3.6
-2.6	8	10	13.9	16.7	14.7	14.4	8.2	3.1
0.8	7.7	14.2	14.5	17	16.6	12.5	8.4	-0.6
5.7	7.7	12.9	14.5	17	16.8	13.7	9.3	0.4
6.1	6.3	13.6	15.4	16.9	18.3	10.6	8.5	3
5.9	11.5	11.7	17.9	16.3	16.6	15.1	10.5	4.1
-0.3	10	11.1	14.7	15.9	17.8	12.2	7.9	4
0.3	8.3	13	16.5	18.6	17.8	14.7	8.2	7.8
-1.2	8.5	13.7	18.4	17.9	15.9	12.8	7.6	4.6
1.9	6.8	11	15.7	16.3	15.3	14	7.4	0.6
3.3	9.8	12.8	16.4	16.9	16.2	12.9	11.9	3.2
5.2	7.4	13.8	16.3	19.4	17.2	15.2	12.4	4.2
4.3	9.7	12.6	17.7	16.8	16.7	13.3	8.8	4.9
-0.2	7.3	15.6	16.2	19	16.5	14.3	9	5.9
-0.3	6.6	12	17.4	18.2	18	12.9	8.2	6.1
0.2	9	15.2	15.8	18.9	19.5	11.3	8.5	2.8
5.4	8.3	12.9	17.3	19	17	11.8	6.3	4.7
3.4	6.3	13.4	15.6	17.7	17.8	14.1	7.1	2
5.6	7.8	11.8	14.4	16.2	18.5	13.3	5.6	4.4
4.5	7.7	15.2	16.7	19.3	18.4	16.8	8.6	2.7
-0.3	7.4	12.4	15	17.8	14.7	12.1	9.1	4.6
6.1	6.4	12.5	17	16.7	16.2	11.1	9.8	5
4.5	5.9	11.5	15.3	16.5	15.9	12.4	9.4	3
4.5	7	14.5	18.1	15.7	16.7	13.3	7	3.5
1.7	5.5	10.1	15.1	16.1	16.3	12.5	8.5	2.1
6.5	6.6	14.2	17.1	17.2	18.2	13.6	9.4	3.8
4.2	5.7	13.7	16.9	18.5	18.7	16	10	5.3
4.4	10	14.9	16.9	20.5	18.6	14.7	9.6	2.4
1.9	8	13.4	15.5	16.5	18	13.1	10.4	3.5
3.1	8.1	14.8	14	18.1	17.6	13.5	8.4	0.2
2.4	9.1	15	15.8	17.1	16.8	11.7	8.4	5.3
-1.6	8.2	11.4	16.2	18.4	16	15.1	9	4.5
1.6	7.3	14.1	15.9	19.2	18.2	13.9	8.2	-0.2
5.7	8.9	13.1	14.6	17.7	17.7	13.6	9.9	1.8
6.8	7.5	13.5	16.1	17.4	17.7	11.7	9.2	4.9
5.4	11.6	11.9	16.9	15.5	16.4	15.7	11.1	3.3
-0.4	10.3	10.6	14.6	15.6	17.7	12.8	9.3	3.7
1	9.4	13.4	16.9	19.2	17.8	14.8	8.1	7
-0.8	9.3	13.5	18.7	18.3	15.8	13.6	7.8	4.1
2.4	7.2	10.8	15.5	16.3	15.7	14.8	7.7	-0.2
2.6	10.1	13.2	16.7	16.7	16	13.2	12.8	2.8
4.9	7.7	13.8	16.4	20	17.8	16.2	11.4	3.6
4.5	10.5	12.7	18	17.5	16.9	14.4	9	5.1
-0.1	8.4	15.2	14.7	18.3	15.9	14.4	10	4.5

0.7	6.5	11.5	16.6	17	17.1	12.5	7.8	5.3
0.7	8.9	15.4	14.8	18.5	19.8	11.7	8.2	2.4
5.7	7.2	11.9	15.8	18.3	16.2	11.2	6.4	3.1
4.1	6.2	12.9	15.4	17.3	18	14.4	6.6	0.9
6.3	7.8	12.1	13.9	15.4	18.4	13.7	5.9	4.4
3.9	6.5	14.2	14.8	17	18.8	16.5	8.2	2.1
-0.5	7.6	12.1	15.6	17.8	14.6	12.5	9.2	4.5
5.2	6	12	16.7	15.4	15.3	10.8	9.3	3.6
3.4	6	11	14.6	15.5	15.1	12.2	9.4	0.9
3.4	6.3	13.6	16.8	14.3	15.9	13.7	7.9	2.5
1.3	4.7	9.6	13.4	14.2	15.9	12.4	7.1	0.8
5.3	6.2	12.8	16.4	16.3	17.2	13.8	8.8	3
4	5.6	12.7	16	18.7	18.3	17.3	9.9	3.5
4.7	11.1	13.8	16.1	20.3	17.4	12.7	8.4	0.9
0.5	5.7	10.3	12.6	13.2	16.1	11.5	9	3.6
4.3	9.9	14.1	13.6	17.1	17	12.5	8.3	0.1
2.3	10.1	14.9	15.8	16.9	16.7	11.4	8.7	3.6
-2.1	8.2	11.4	15.6	18.9	16.2	16.1	9.8	4.5
1.5	8.3	14.7	16.2	18.4	17.7	13.9	8.4	-0.7
5.8	9.1	12.6	14.3	17.4	17.3	14.5	9.7	1.6
6.7	7	13	15.4	16.4	18.3	11.2	9.3	3.7
7.5	12.9	11.8	18.1	17.4	17.5	17.1	11	3.9
1	10.8	11.7	16.3	17	18.8	14.2	9.1	3.8
3.1	10	13.9	17.9	20.4	18.6	15.6	9.4	8.1
0.6	10.4	15.4	19.9	20.5	17.2	14.8	8.3	5.3
2.4	8.2	12.1	17.3	17.6	17.2	14.2	8	1.4
4.4	11.1	14.6	18.5	17.8	17.2	14.3	12.7	3.3
6.2	8.5	14.3	17.1	20.9	18.4	15.4	12.3	4
5.6	10.5	12.9	18.3	18.4	17.6	14.5	10.5	4.3
1.4	8.6	16.2	16.9	20.4	17.8	15.2	10	6.1
2.4	7.4	12.7	18.6	19.1	18.2	14.2	9.2	6.4
1.9	10.2	15.4	15.5	20.3	20.8	12.9	9.3	4.1
6.7	8.8	13.7	17.4	20.2	18	12.2	7.1	5.2
5.6	6.8	14.5	17.8	18.8	19.7	16.3	8.2	3.2
7.8	9.8	13.2	15.4	17.2	19.6	14.8	6.2	4.5
5	8.6	14.1	16.6	20.1	20.3	17.9	8.2	3.2
1.7	9	14.8	19	21.1	17.6	13.9	10.8	5.8
7.5	7.4	14	17.9	18.4	17.7	12.8	10.1	5.8
5.9	8.6	13	16.6	17.4	16.8	13.5	9.5	4.1
5.2	8.2	15.3	20.1	16.6	17.9	14.4	8.2	4.5
3.8	6.7	11.9	16.8	16.4	18.4	14.1	9.1	3.4
8.1	8.9	15	18.2	18.1	18.6	15.4	9.6	5.4
5.8	7.7	15.2	18.9	21	19.4	17.8	10.6	5.6
5.7	10.9	14.5	18.3	23	19.8	15.3	10.7	3.2
3.5	8.5	13.3	16	17.6	18.8	13.5	11.1	5.3
4.1	9.3	15.5	15.2	19.5	18.9	15.1	9.5	1.6
4.5	10.1	16.9	17.8	19.1	18.5	13.4	10.3	5.6
0.1	10.7	12.3	16.3	19.4	17	16.2	10.1	5.5
3.3	10.1	16.3	17.1	19.4	19.2	14.8	10.5	2
8.3	9.9	15.6	17.2	19.7	19.2	16	11.3	2.6

8.7	8.9	16.2	18	19.3	20.6	12.9	10.5	5.2
-2	3.4	2.9	9.4	7.4	8.7	9.6	3.9	-1.4
-8.4	1.5	2	5.7	7.5	9.7	5	4	-2.6
-5.3	0.5	5.9	8.5	10.9	10.1	7.8	1.3	0.6
-6.9	1	5.1	10.5	10.2	8.2	5.9	1.6	-2.4
-5.2	-1.2	2.2	7.9	8.1	7.6	6.9	3.2	-5.6
-5.3	1.7	5.2	9	9.1	8.8	5.9	5.6	-4.1
-3.2	-1	5.3	7.7	11.4	9.6	8.7	5	-2
-4.1	1.6	3.7	9.3	8.4	9	6.9	3.1	-0.7
-7.2	-0.5	7.1	7.5	10.6	8.5	6.7	4.7	-2.4
-6.3	-2	3	9	9.2	9.7	5.1	1.6	-0.4
-7.2	0.4	7.3	6.5	10.4	11.6	4	1.8	-3.4
-2.1	-0.7	4.8	8.5	11.2	9.1	3.7	-0.2	-2.7
-3.8	-2.6	4.9	7.6	9.4	10.9	7.6	0.3	-5.1
-1.1	-0.5	3.4	6.1	8	11.5	6.4	-2.6	-3.1
-3	-1.1	5.8	7.7	10.7	10.6	9.9	2.8	-3.7
-8.1	-0.5	5	8	11	7.5	5.3	5	-2
-1.3	-2.2	4.5	8.9	8.5	9.2	3.6	5.4	-2.7
-3.3	-1.6	3.3	6.8	7.5	7.5	4.1	2.9	0.5
-3.4	-1.5	5.8	10.7	6.8	8.9	7.1	0.9	-3.1
-5.6	-2.6	1.3	6.8	7.7	8.9	5.9	0.7	-5
-1.3	-1.2	5.4	8.6	8.9	9.1	7.1	1.4	-3.9
-3.8	-3.4	5.3	8.4	10.5	10.3	9.7	3.6	-0.6
-3.7	1.6	6.4	8.1	12.1	10.5	6.7	1.7	-3.6
-6.7	-0.8	4.1	5.6	7.3	9.6	5.3	3.3	-0.3
-4	-0.7	6.2	5	9.6	9.7	5.6	3	-6.1
-3.8	1.5	7	7.5	8.7	9.4	4.7	2.6	-0.9
-9.7	0.3	3.3	7.8	10.4	7.6	7.9	2.5	-2
-6.5	-0.8	6	7.8	10.5	10.1	5.9	2.6	-5.7
-1.4	1.4	5.2	7	9.8	9.9	7.4	3.5	-3.2
-0.8	-0.9	6.1	7.8	9	11.2	3.3	3.5	-2.4
4.3	9.9	9.4	15.6	14.5	15.1	14.7	8.8	2.3
-2.3	7.9	9.3	13	14.4	16.3	11.4	7.5	1.8
-0.1	7.4	11.3	15.4	17.6	16.1	13.4	7	5.8
-1.8	7.8	12	16.9	17.2	14.3	11.9	6.4	3.1
-0.1	5.5	9.6	14.6	15.1	14	12.4	6.5	-1.1
1.4	8.4	11.9	15.4	15.5	14.8	11.8	11	1.3
3.2	6	11.9	14.1	17.4	15.5	13.3	9.8	2.1
2.4	8.1	10.5	15.7	15.2	15	11.8	7.8	3.2
-1.2	6.1	13.7	14	17.2	15	12.5	8.6	3.5
-0.3	5.1	10.1	15.6	15.8	15.6	11.2	6.8	3.9
-1	7.3	13	13	16.7	17.9	10	6.5	1.5
4.3	6	11.2	14.9	17.1	15	9.7	5	2.8
2.5	4.2	11.7	14.5	15.7	16.7	13.3	5.4	0.4
5.3	6.4	10	12.5	14.6	17.3	12	3.7	2.2
3.1	5.9	12.1	14	16.9	16.5	15.2	6.8	0.3
-1.2	6.3	11.5	15.5	17.8	14	10.9	8.6	3.6
4.9	4.9	11.4	15.3	15.3	15	10.1	8.4	3.2
3	5.3	10.1	13.5	14.1	13.6	10.9	7.8	0.7
2.5	5.2	12.2	17	13.5	14.6	12	6.1	1.9

1.1	3.7	9.1	13.5	13.9	14.9	11.6	6.3	1.1
5.2	5.6	12.1	15.3	15.1	15.4	12.6	7.5	2.3
2.8	4.2	11.8	15.4	16.9	16.4	14.6	8.2	2.9
2.6	8	11.8	14.8	18.9	16.6	12.4	7.4	0.4
0.3	5.7	10.9	13	13.9	15.2	11.2	8.4	3.3
1.3	5.9	12.5	12.1	16.1	15.8	11.9	6.9	-0.8
1.3	7.8	13.6	14.1	15.3	15.7	10.6	7.6	2.9
-3.3	7.1	9.8	13.8	16.2	13.9	13.8	8	2.9
0	6.8	13.2	14.2	16.7	16.1	12.2	8	-1.1
4.8	7.6	11.6	13.5	16.4	16.1	12.9	8.6	0.2
5.3	5.6	12.1	14.7	15.6	17.4	10	8.1	3.2
4.1	9.7	8.2	14.2	13	14	15.4	8.4	1
-2.8	6.7	7.4	12.2	13.3	15.5	11.1	7.2	-0.5
0.1	6.6	10.3	13.8	16.6	14.1	12.2	6.1	4.7
-2.4	6.8	11.7	15.8	17.1	14.1	11.8	4.9	1.7
-0.7	4.5	8.6	13.8	13.3	13.5	10.7	6.1	-1.5
0.3	7.9	11	14.9	13.7	13.5	11.4	9.4	-0.7
2.1	4.3	10.7	13.1	17.6	14.9	11.8	9.4	1.3
1.8	7.1	9.1	14	14.5	13.7	10.9	7.9	0.7
-1.7	4.7	12.1	12.6	16.8	14.1	11.8	8.2	2.2
-1.5	2.8	8.5	15.1	14.5	14.8	11.7	5.7	3
-1.5	7	11.8	11.4	17.1	16.7	10	6.8	0.4
3.2	4.7	9.2	13.2	16.2	13.9	8.8	4.1	0.9
1.5	2.7	11	14.2	14.8	16.7	12.9	4.7	-0.3
4.2	6.1	8.9	12	12.9	15.8	11.4	2	1.3
1.4	4.6	10.7	12.6	16.2	16.2	14.4	5.6	-0.4
-1.7	5.6	11.4	15.8	17.9	13.8	10.2	6.9	1.9
4.2	3.2	10.1	13.9	14.8	14.2	9.2	7.3	1.7
1.9	4.9	9.1	12.5	13.6	13.1	9.7	6.3	0.2
1.3	3.8	11.2	15.6	12.8	13.7	11.4	5.2	0.4
0.5	3.1	8.2	12.4	12.5	14.8	11.7	5.2	-0.6
4.5	5.8	10.9	13.9	14	14.6	12.3	5.8	1.2
2.1	3.7	11.1	14.6	17.1	15.5	14.9	7.1	2.8
1.6	6.8	10.1	14.6	19.7	16	11.8	6.6	-0.2
-0.4	4.8	8.6	11.7	13.8	15.1	10.1	8	1.4
0.1	5.4	11.5	11	15.8	15	11.8	6.4	-1.9
0.4	5.6	12.8	13.6	15.1	15	9.9	7.3	2.6
-3.8	7	8	12.2	15.2	13.2	13.2	6.2	1.6
-0.7	6.1	12.1	12.9	15.4	15.6	10.8	7.1	-1.1
4.7	5.4	11.6	12.9	15.5	15.1	12.2	8.1	-0.9
4.7	4.7	12.7	13.4	15	17	9.3	7	1.3
4	10	9.9	15.9	14.9	16.1	15.2	9.3	2
-3.2	7.9	8.6	13.1	14.8	17.7	11.2	8.2	1
-0.7	6.8	12.2	15.4	18.6	16.4	13.2	6.7	5.6
-1.9	6.6	10.7	16.6	18	15.8	13.5	8.1	3
-1	3.7	8.4	13.1	13.8	13.9	12.2	6.6	-1.6
0.7	8	11.8	15.1	14.9	14.6	11.5	10.3	0.3
2.7	5.6	11.5	14.2	17.8	15.5	14.1	9.6	2.2
1.6	7.8	10.1	15.3	15	14.6	11.8	7.1	2.2
-2.6	6.1	13.3	13.6	16.5	14.2	12	9.4	3.8

-0.8	4.6	10.1	14.3	14.9	15.2	11.3	6.7	3.8
-1.3	5.7	13.6	12.2	16.8	17.8	10	6.7	1
4.1	5.6	10.8	14.6	16.6	15	9.3	4.4	1.9
1.7	3.5	11.6	13.6	15.8	17.1	12.4	4.2	-0.6
4.1	5.4	9.5	12	14	17.6	12	2.8	2.1
3	5	11.8	13.6	16.6	16.1	14.8	6.5	0
-2.2	5.9	10.8	14.7	17.2	13.9	10.5	8.1	2.9
4.5	4.1	10.6	15	15.3	14.5	9.5	8.6	2.5
2.6	4.5	9.6	13.5	14.2	13.6	10.2	7.3	-0.4
2.1	4.8	11.8	16.1	13.2	14.5	12	5.5	1.4
-0.7	3.2	8.1	12.7	13.6	14.6	10.7	5.5	-0.6
4.1	4.9	11.3	14.4	14.8	15.3	12.2	6.8	1
1.9	3.5	11.7	14.6	16.7	16.1	15.1	7.7	2.3
2.1	7.5	12.2	14.3	19.2	17	12.5	7.1	-0.1
-0.6	5.4	10.2	12.3	13.5	15.3	10.6	8.1	2.1
0.3	5.5	12.2	11.1	15.9	15.2	11.4	6.4	-1.9
0.1	7.4	13	14	15.2	15	10.5	7.4	2.7
-3.9	6.2	9.3	13.1	15.9	13.1	13.3	7.3	2.3
-1.1	6.2	12.4	13.7	16.5	16.2	11.4	6.8	-2.2
4.3	7	11.5	12.7	15.8	15.8	12.7	8.2	0.1
4.9	5	11.9	13.8	15	16.8	9.1	7.5	2.2
3.4	10.1	9.5	15.7	14.1	14.9	14.7	9.3	2.2
-2.2	8	8.8	13	14	15.3	11.1	7.7	2
-0.6	7.3	11.5	15.3	17.5	15.7	13.6	6.6	5.6
-1.8	7.8	12	16.9	17.2	14.3	12.1	6.5	2.6
-0.4	5.4	9.3	14.2	14.5	14.2	12.8	6.9	-1.8
0.9	8.3	11.8	15.7	15.2	14.7	11.4	11.1	1.3
2.5	5.6	12.2	14.3	17.7	15.7	13.6	9.8	2.1
1.9	8	10.4	16.1	15.4	15.3	12.6	7.7	3.3
-1.9	6.1	13.5	14.2	17.4	15.2	13	9.2	3.2
-0.9	4.5	10	15.7	15.8	15.8	11.1	6.8	3.5
-1.4	7.2	13.6	13.4	17.3	17.9	10.2	6.7	0.9
4.5	5.9	11.5	15	17.6	15.1	9.9	5.4	2.1
2.3	4.2	11.8	14.6	15.7	16.7	13.2	5.7	-0.1
5.5	6.8	10.1	12.6	14.1	17.3	12.2	3.5	2
2.8	5.7	12.4	14	16.8	17.3	15.6	6.7	0.8
-1.8	6.4	11.8	15	17.5	14.7	11.4	9.3	3.7
5.1	4.7	11.2	15.4	14.9	15.4	10.1	9	3.1
3	6	10.8	13.7	14.2	13.9	10.3	8.1	0.8
2.3	5.4	12.9	17.2	13.3	14.9	12.4	7	1.8
0.3	4	9.1	13.2	13.8	15.2	11.8	6.3	0.5
4.4	6	12.6	15.3	15.6	16	13.3	7.6	1.4
2.8	4	12.2	15.5	17.7	16.6	15.6	9	3.5
2.8	8.5	12.9	15.5	19.7	18.3	12.6	7.4	0.4
0.8	6.8	11.2	12.9	14.2	16.5	10.8	8.6	3.6
1.3	5.9	13.4	11.7	16.4	16	11.5	7.1	-0.6
1.6	8	13.9	15	15.7	15.7	10.9	7.9	3.2
-3.3	6.8	9.8	13.7	16.3	13.7	13.6	8.5	3
-0.4	7.2	13.6	14.4	16.7	16.2	11.9	8.1	-1.8
4.3	7.9	12.3	13.7	16.7	15.8	13.6	8.7	0.3

5.2	5.9	12.8	14.6	15.6	17.3	9.7	8.5	2.6
6.1	11.5	10.7	16.8	16.2	16.4	16.1	9.9	2.5
-0.5	9.5	10.5	14.9	15.9	17.6	13	8	2.6
1.6	8.9	12.9	16.7	19.1	17.5	14.5	8.3	6.7
-0.7	9	14.3	18.7	19.3	16.2	13.6	7.2	3.9
0.9	6.9	10.9	16	16.1	16	12.9	7	0
3	10	13.7	17.5	16.7	16.1	13.1	11.5	1.8
4.7	7	13.4	15.5	19.8	17	14.3	11	2.7
4.1	9.4	11.6	16.9	17.2	16.6	13.4	9.3	2.9
0.1	7.3	15.2	15.7	19.2	16.7	14.2	9	4.7
0.9	6	11.5	17.2	17.8	17.1	13	7.9	5
0.3	8.8	14.3	14.4	18.9	19.4	11.6	8	2.7
5.3	7.5	12.6	16.1	18.9	16.6	10.9	5.8	3.8
4	5.4	13.3	16.4	17.6	18.6	14.9	6.9	1.8
6.2	8.3	11.9	14.3	15.9	18.3	13.4	4.9	3.1
3.7	7.1	12.3	15.2	18.5	19	16.5	6.8	1.7
-0.2	7.5	13.6	17.7	19.9	16.2	12.2	9.3	4.1
5.4	5.6	12.2	16	16.2	16	11.2	8.4	4.4
4.1	6.8	11.3	14.5	15.5	15	12	8	2.7
3.6	6.2	13.3	18.2	14.6	15.9	12.6	6.1	2.8
2	5	9.8	14.7	14.8	16.5	12.4	7.2	1.7
6.4	7	13.2	16.3	16.4	16.4	13.8	8	3.7
3.8	5.7	13.4	16.7	18.9	17.6	15.8	9	3.9
3.7	9.3	12.6	16.2	20.7	17.7	13.4	8.7	1.6
1.5	6.5	11.5	14.1	15.7	16.7	11.8	9.3	3.6
2.3	7.6	13.8	13.4	17.5	17	13.2	7.6	0
2.8	8.1	14.8	15.7	16.9	16.8	11.4	8.6	4
-2.3	8.7	10.2	14.5	17.2	15.3	14.7	8.3	3.9
1.7	8	14.4	15.2	17.5	17	13.3	8.7	0.3
6.4	7.8	13.4	14.9	17.5	17.1	14.2	9.6	0.6
6.6	7	13.9	16.1	17.1	18.9	11.3	8.5	3.6
6.4	12.2	11.4	17.5	16.5	16.7	16.4	10.7	3.5
0.4	10.2	11	15.5	16.3	17.5	13.3	8.7	3.8
1.7	9.7	13.5	17.6	19.8	17.7	15.2	8.7	7.4
0.3	9.9	14.6	18.9	19.6	16.4	13.9	8.2	4.4
1.4	7.8	11.7	16.6	16.7	16.6	14.1	7.8	0.3
3.6	10.5	14	17.9	17.2	16.8	13.5	12.7	3
5.4	8	14.1	16.3	20	17.9	15.1	11.3	3.8
4.9	10	12.4	17.6	17.4	17.3	14	9.6	4.5
1.1	8.4	15.7	16.8	19.6	17.3	14.7	10.3	5.2
1.4	7	12.5	18.1	18.3	17.7	13.1	8.5	5.6
1.3	9.9	15.5	15.1	19.5	20.3	12.4	8	3.1
6.6	8.5	13.4	17	20.1	17.8	12.2	7.1	4.4
5.1	6.5	14.2	17.2	18.3	19.2	15.8	7.4	2.3
7.5	9.4	12.8	14.9	16.4	19.2	13.9	5.6	3.6
4.5	8.2	13.9	16.5	19.4	19.6	17.2	7.8	2.3
0.9	8.6	14.1	17.6	19.8	17.1	13.3	10.4	5.3
6.9	6.8	13.4	17.5	17.3	16.9	12	9.8	4.8
5	8.2	12.9	15.9	16.7	15.8	12.5	9.1	3.2
4.4	7.9	15	19.7	15.6	17	13.8	8	3.5

3.2	6.6	11.9	16	16.1	17.5	13.8	8.4	2.7
7	8.3	15	17.9	17.6	17.9	14.9	9.1	4.3
5.1	7.1	14.6	17.7	20.2	19.1	16.7	10.5	4.8
4.6	10.5	14.3	17.9	22.1	19.6	14.4	9.6	2.4
2.9	8.3	13.1	15.5	16.5	18.1	13.1	10.2	5.2
3.4	8.8	15.3	14.6	19.1	18.4	13.9	9	1.2
3.6	9.9	16.1	17.3	18	17.7	12.4	9.5	5
-0.5	10	12.2	16.1	18.5	15.9	15.1	9.9	5
2.4	9.5	15.9	16.5	18.4	17.8	13.8	9.4	0.5
6.6	9.5	14.3	16.2	18.8	18.2	15.2	10.1	1.8
7.5	8	15	17	18.1	19.2	11.9	9.8	4.5
6.1	11.5	11.9	17.8	16.8	16.8	14.2	10.7	3.7
0.4	10.4	11.2	15.2	16.5	18.3	12.4	8.1	4.2
0.9	10.3	14.3	18.3	20.2	18.7	15.4	8.3	7.7
-0.1	9.9	13.8	19.4	18.8	16.1	13.5	7.9	4.4
2.8	6.7	11	15.7	16.5	15.1	14.3	6.2	0.7
3.6	10.6	13.4	16.9	17	16.5	13.3	13	4.2
6.3	9.4	15.3	17.6	21.3	19.5	16.3	11.5	4.4
5.6	11.5	13.9	18.2	17.8	17	14.2	8.7	5.9
1.1	9.1	16.4	16.8	19.3	17	14.9	10.1	6.1
1.9	7.8	12.4	17.6	18.2	18.5	13.9	8.4	6.2
1.9	9.7	16.2	17	19.5	20	11.9	8	3.2
6.5	8.6	13.5	17.8	19.6	17.2	11.9	7.1	3.8
4.7	7.4	14.3	16.9	18.6	19	15	7.3	1.8
7.2	8.8	12.9	14.8	16.8	20.1	14.1	5.7	4.4
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1.1	9.2	14.1	17.3	19.7	16.2	13.1	10.7	5.9
7.3	7.2	13.5	18	18.1	17.1	12.1	10	4.8
5	7.5	12.4	16.1	16.3	16.3	12.7	9.5	1.9
5.2	7.9	15.1	19.1	16.4	17.3	14.3	8.2	4.1
2.8	6.2	11.7	16.4	17	17.3	13.1	8.6	2
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4.5	6.7	14.5	18	19.6	19	17.5	10.2	5.2
5.3	11.3	15.9	17.6	21.8	19.9	15	9.1	1.6
3	8.8	13.6	15.5	16.8	18	13.8	10.3	5.1
3.4	9.1	15.5	14.2	18.9	18.1	13.8	8.7	1.1
2.8	11	16.4	17.1	18.2	18.6	12.8	9.2	4.5
-1.1	9.1	12.3	17.1	19.7	16.2	15.8	10.6	4.9
2.4	8.9	15.7	16.8	20	19.3	14.4	9.4	-0.2
6.6	10.8	14.5	15.9	19.2	18.6	14.9	10.1	2.5
7.1	8.4	15	17.1	18.1	19.5	12.3	10.2	4.9
5.5	11.1	10.9	16.8	15.7	16.6	15.1	10.7	3.5
-0.6	9.6	10	13.9	15.7	17.6	12.3	8.1	3.4
0.1	8.9	13.5	16.6	18.7	17.5	14.4	7.7	7.3
-0.5	9.2	12.7	18.4	17.9	15.6	13.3	7.6	4.1
2.2	6.4	11.1	15.4	16.2	15	14.2	7.2	0.2
2.8	10.1	12.9	16.4	16.3	16	12.7	12.5	2.8
5	7.7	13.6	15.9	19.5	17.1	15.1	11.3	3.5
3.8	10.1	12.4	16.7	16.3	15.8	13	8.2	5.1
0.1	8	15.1	15.1	17.8	15.4	13.6	9.2	4.9

0.7	6.7	11.4	16.4	16.8	16.4	12	7.4	5.6
-0.2	8.7	14.5	14.3	17.5	18.2	10.8	7.2	3.1
5.5	7.6	12.2	16.3	18.2	15.9	10.7	6.2	3.2
3.5	6	12.8	15.3	17	17.5	13.4	6.4	1
6.5	7.5	11.3	13.6	16	18.5	12.9	4.5	3.4
4.3	7.2	14.2	15.2	17.7	17.1	15.6	7.8	1.9
0.1	8.1	12.6	15.9	18.2	14.5	12	9.8	4.7
6.5	6.5	12.5	16.9	16.5	15.6	10.7	9.6	3.6
4	6.4	10.8	14.9	15.3	14.9	11.5	8.8	0.5
4.1	6.6	13.2	17.6	15.1	15.7	13.4	7	3.1
1.9	4.9	10.3	14.7	15.9	15.7	11.6	7.5	0.7
6.2	7.3	13.1	16.5	16.7	16.5	13.9	9	2.4
3.5	5.6	13.3	16.4	17.4	17.4	15.6	9.1	4.2
4.1	9.7	14.2	15.9	19.2	17.7	13.5	7.8	0.4
1.3	7.3	12.1	14	15	16.2	12.9	9.4	4.3
3	8	13.6	13	17.4	16.8	12.4	7.2	0.4
1.8	9.6	14.5	15.7	16.3	17	11.7	7.7	3.9
-2.7	7.8	10.8	15.9	18.6	14.9	14.7	9.5	4.1
1.2	7.1	13.9	15.1	18.1	17.4	13.4	8.5	-1.4
5.4	9.6	13	14.6	17.5	16.9	13.5	9.2	1.8
5.9	7	13.2	15.6	16.4	17.5	11.1	9.4	4.4
6.5	12.1	12.3	18.2	17	17.5	15.8	11.3	4.2
0.9	10.7	11.8	15.1	16.6	18.6	13	8.2	4.6
1.2	10	14.2	17.8	19.5	19	15.5	8.4	8
0.5	10.5	13.9	19.4	18.7	16.7	14.3	8.6	5
3.6	7.8	12.3	17.1	17.7	16.3	15.6	6.6	1.6
4	11.2	13.7	17.4	17.7	17.1	13.9	14.1	4.3
6.3	9	14.9	16.8	20.4	18	15.8	11.5	3.8
5.2	11.1	14.1	18.4	17.9	17.2	14.6	9.2	6.2
1.5	9.1	16.8	16.5	19.2	17	14.5	9.4	6.1
2.7	8.3	12.7	17.7	18.2	17.9	13.3	8.7	7.1
1.7	10.4	15.8	15.8	18.7	20.7	12.3	7.9	3.8
6.7	9	13.6	17.7	19.3	17.1	11.5	7	4.1
4.9	7.8	14.6	16.7	18.5	19.1	15	7.2	2.3
7.7	8.7	13.1	15.1	17.2	20.1	14.3	6.2	4.9
5.6	8.2	14.8	16.1	18.9	18.3	17.5	8.5	3.3
1.4	9.5	14.3	17.4	19.7	16.1	13.5	11.1	6.2
7.9	7.6	13.9	18.3	18.3	17.1	12	10	4.5
5.9	8	12.6	16.3	16.4	16.4	13.3	9.7	2.5
5.3	8	15.3	19.6	16.8	17.5	15.1	9	4.7
3.4	6.8	12.2	16.5	17.4	18	13.8	9	2.6
8	8.8	14.9	18.4	18.3	18.7	16	10.6	4.1
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