

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)	larva(7)
mom_x(0)	960	1147	808	832	1112	912	1092	
mom_x(1)	959	1146	808	830	1111	906	1091	689
mom_x(2)	957	1147	808	829	1110	900	1092	688
mom_x(3)	957	1147	808	827	1108	895	1091	688
mom_x(4)	954	1147	807	826	1106	887	1091	687
mom_x(5)	953	1147	807	824	1104	881	1091	686
mom_x(6)	951	1146	807	821	1102	875	1090	685
mom_x(7)	950	1146	807	820	1100	872	1087	684
mom_x(8)	948	1145	805	816	1097	868	1085	682
mom_x(9)	946	1144	804	816	1095	864	1082	681
mom_x(10)	944	1145	801	815	1093	861	1079	679
mom_x(11)	941	1146	800	811	1091	857	1079	677
mom_x(12)	941	1146	799	810	1088	855	1079	675
mom_x(13)	936	1146	800	806	1087	853	1076	672
mom_x(14)	935	1146	801	802	1085	852	1074	671
mom_x(15)	932	1146	802	799	1084	851	1071	669
mom_x(16)	929	1146	802	797	1082	849	1070	666
mom_x(17)	928	1147	801	795	1081	846	1067	663
mom_x(18)	926	1147	799	794	1080	843	1068	660
mom_x(19)	924	1147	797	791	1079	839	1069	656
mom_x(20)	922	1147	795	790	1077	838	1067	653
mom_x(21)	920	1146	793	790	1077	837	1068	650
mom_x(22)	919	1147	790	789	1075	836	1067	647
mom_x(23)	915	1147	788	788	1075	835	1068	642
mom_x(24)	914	1147	786	786	1073	833	1070	639
mom_x(25)	911	1147	783	785	1072	833	1071	637
mom_x(26)	909	1147	780	784	1071	834	1072	632
mom_x(27)	909	1147	780	784	1071	834	1072	632
mom_x(28)	903	1147	774	782	1069	839	1076	625
mom_x(29)	903	1147	774	782	1069	839	1076	625
mom_x(30)	901	1147	769	781	1067	843	1076	623
mom_x(31)	899	1147	766	780	1066	849	1078	620
mom_x(32)	898	1146	761	779	1066	854	1080	617
mom_x(33)	895	1146	757	779	1064	860	1081	613
mom_x(34)	894	1145	754	778	1064	866	1082	611
mom_x(35)	893	1145	749	777	1062	873	1081	610
mom_x(36)	891	1144	746	777	1061	880	1081	607
mom_x(37)	890	1143	742	777	1060	886	1080	606
mom_x(38)	889	1144	739	778	1060	891	1081	603
mom_x(39)	886	1145	735	778	1060	895	1082	602
mom_x(40)	886	1145	733	778	1062	900	1081	599
mom_x(41)	884	1145	730	778	1064	906	1081	597
mom_x(42)	882	1144	727	779	1064	911	1083	597
mom_x(43)	881	1145	723	780	1064	916	1084	598
mom_x(44)	878	1145	721	781	1065	923	1086	599
mom_x(45)	877	1145	718	782	1066	929	1088	600
mom_x(46)	875	1144	714	783	1066	936	1089	599
mom_x(47)	873	1142	711	784	1066	940	1092	597
mom_x(48)	871	1141	708	784	1064	942	1094	596

mom_x(49)	870	1140	707	784	1062	942	1096	595
mom_x(50)	867	1141	704	785	1061	942	1097	594
mom_x(51)	866	1142	703	786	1060	942	1099	594
mom_x(52)	864	1141	701	786	1059	944	1101	594
mom_x(53)	862	1141	699	786	1059	946	1103	593
mom_x(54)	861	1141	697	786	1058	948	1105	591
mom_x(55)	859	1141	696	785	1058	949	1107	587
mom_x(56)	859	1141	695	784	1058	949	1109	584
mom_x(57)	857	1140	695	783	1058	948	1109	582
mom_x(58)	855	1138	694	782	1058	946	1110	578
mom_x(59)	854	1136	694	782	1058	945	1111	575
mom_x(60)	854	1136	694	782	1058	943	1110	573
mom_x(61)	853	1135	694	782	1057	941	1107	574
mom_x(62)	852	1136	694	784	1058	938	1106	575
mom_x(63)	852	1137	695	785	1058	935	1105	575
mom_x(64)	851	1138	696	786	1057	930	1104	575
mom_x(65)	850	1139	696	784	1057	925	1103	575
mom_x(66)	849	1140	697	782	1057	922	1103	575
mom_x(67)	847	1140	696	783	1057	918	1104	576
mom_x(68)	845	1141	696	782	1057	915	1104	576
mom_x(69)	844	1141	696	781	1058	913	1104	577
mom_x(70)	843	1139	697	780	1057	911	1104	578
mom_x(71)	842	1141	697	779	1057	910	1104	578
mom_x(72)	841	1143	697	778	1057	910	1105	580
mom_x(73)	840	1143	697	777	1057	911	1105	581
mom_x(74)	840	1143	697	777	1056	913	1105	582
mom_x(75)	839	1143	697	777	1055	914	1105	581
mom_x(76)	837	1143	697	777	1055	917	1105	581
mom_x(77)	835	1144	697	778	1055	919	1105	581
mom_x(78)	833	1144	697	778	1054	920	1104	578
mom_x(79)	831	1144	697	780	1054	924	1104	575
mom_x(80)	831	1144	697	782	1052	928	1104	574
mom_x(81)	830	1143	697	784	1052	932	1103	572
mom_x(82)	829	1144	697	788	1052	937	1103	570
mom_x(83)	830	1143	697	789	1052	943	1102	570
mom_x(84)	832	1143	697	788	1052	950	1102	572
mom_x(85)	833	1143	697	789	1053	957	1102	572
mom_x(86)	834	1143	697	791	1055	963	1102	574
mom_x(87)	835	1143	697	792	1055	967	1101	577
mom_x(88)	835	1143	697	792	1054	974	1102	579
mom_x(89)	835	1143	696	793	1055	982	1101	581
mom_x(90)	835	1143	696	793	1057	989	1102	583
mom_x(91)	835	1143	696	794	1057	997	1102	585
mom_x(92)	835	1143	695	796	1058	1004	1102	588
mom_x(93)	835	1143	694	797	1056	1011	1102	591
mom_x(94)	835	1143	695	799	1056	1019	1102	593
mom_x(95)	835	1143	695	802	1057	1026	1102	592
mom_x(96)	836	1143	695	806	1057	1033	1102	593
mom_x(97)	836	1142	696	809	1057	1040	1102	594
mom_x(98)	837	1142	694	812	1056	1047	1102	592

mom_x(99	836	1142	693	817	1055	1055	1101	591
mom_x(10	835	1141	692	820	1055	1061	1100	592
mom_x(10	836	1142	692	826	1055	1065	1098	593
mom_x(10	836	1142	692	830	1054	1072	1095	594
mom_x(10	836	1142	692	835	1053	1079	1092	597
mom_x(10	835	1142	693	841	1053	1085	1089	599
mom_x(10	835	1141	691	845	1052	1090	1087	602
mom_x(10	833	1142	691	851	1052	1095	1084	604
mom_x(10	833	1142	692	851	1051	1100	1082	607
mom_x(10	834	1142	693	849	1051	1106	1080	608
mom_x(10	834	1142	693	846	1051	1111	1078	608
mom_x(11	834	1142	693	845	1051	1115	1074	605
mom_x(11	834	1142	693	843	1051	1118	1074	608
mom_x(11	837	1141	693	840	1051	1120	1071	611
mom_x(11	838	1141	694	837	1051	1121	1068	612
mom_x(11	840	1141	694	832	1050	1120	1067	614
mom_x(11	841	1142	695	827	1050	1121	1061	615
mom_x(11	842	1141	694	823	1050	1122	1056	617
mom_x(11	842	1142	694	818	1050	1124	1053	620
mom_x(11	841		694	813	1050		1047	622
mom_x(11	841		695	808	1050		1047	625
mom_x(12	841		695	803	1050		1048	629
mom_x(12	841		694	798	1050		1049	630
mom_x(12	841		695	793	1050		1048	633
mom_x(12	841		695	788	1050		1052	635
mom_x(12	841		694	783	1050		1054	638
mom_x(12	841	1145	695	779	1050	1134	1055	640
mom_x(12	842	1142	695	774	1050	1134	1057	642
mom_x(12	841	1141	695	768	1050	1134	1054	641
mom_x(12	841	1142	694	764	1050	1133	1052	640
mom_x(12	841	1142	694	760	1050	1133	1051	643
mom_x(13	841	1142	693	758	1050	1133	1048	645
mom_x(13	841	1141	693	754	1050	1133	1046	645
mom_x(13	841	1141	692	751	1050	1134	1044	645
mom_x(13	841	1141	692	749	1050	1135	1043	647
mom_x(13	841	1141	691	745	1050	1135	1041	645
mom_x(13	841	1140	691	743	1050	1133	1040	642
mom_x(13	841	1139	691	743	1050	1132	1044	640
mom_x(13	841	1139	691	743	1050	1129	1043	638
mom_x(13	841	1139	691	745	1050	1126	1040	636
mom_x(13	841	1139	690	746	1049	1121	1039	634
mom_x(14	840	1139	690	746	1048	1118	1038	632
mom_x(14	840	1139	689	744	1047	1114	1037	629
mom_x(14	839	1141	689	741	1046	1109	1036	627
mom_x(14	839	1142	689	742	1046	1106	1040	625
mom_x(14	839	1142	689	742	1046	1104	1043	625
mom_x(14	839	1143	689	745	1046	1102	1047	624
mom_x(14	839	1143	688	750	1046	1102	1052	621
mom_x(14	839	1143	688	753	1046	1104	1055	617
mom_x(14	839	1143	687	754	1046	1104	1060	613

mom_x(14)	839	1141	686	754	1047	1102	1063	609
mom_x(15)	839	1142	686	756	1048	1099	1066	605
mom_x(15)	839	1141	686	755	1047	1099	1069	602
mom_x(15)	839	1142	685	754	1047	1100	1071	602
mom_x(15)	839	1140	685	755	1048	1105	1074	601
mom_x(15)	839	1140	685	754	1048	1108	1076	598
mom_x(15)	839	1140	685	752	1049	1110	1080	598
mom_x(15)	839	1140	685	752	1049	1113	1081	597
mom_x(15)	839	1140	685	751	1050	1114	1084	595
mom_x(15)	839	1140	685	750	1050	1110	1086	591
mom_x(15)	839	1140	686	750	1050	1108	1089	587
mom_x(16)	839	1140	686	750	1051	1106	1091	587
mom_x(16)	839	1140	687	751	1050	1105	1093	588
mom_x(16)	839	1140	688	751	1049	1105	1096	590
mom_x(16)	839	1140	688	752	1050	1105	1097	590
mom_x(16)	839	1140	689	753	1050	1103	1098	592
mom_x(16)	839	1140	689	754	1050	1101	1100	594
mom_x(16)	839	1140	690	754	1049	1098	1102	595
mom_x(16)	839	1140	691	754	1049	1094	1104	596
mom_x(16)	839	1140	691	753	1049	1089	1105	597
mom_x(16)	839	1139	690	754	1049	1084	1107	598
mom_x(17)	839	1139	690	754	1048	1078	1107	599
mom_x(17)	839	1140	690	753	1048	1074	1107	601
mom_x(17)	839	1140	690	752	1048	1070	1107	602
mom_x(17)	839	1140	690	752	1048	1064	1107	600
mom_x(17)	839	1140	690	751	1047	1060	1109	603
mom_x(17)	839	1140	690	753	1047	1053	1112	604
mom_x(17)	839	1140	690	754	1046	1049	1115	605
mom_x(17)	839	1139	690	756	1046	1043	1118	607
mom_x(17)	839	1140	690	759	1044	1036	1121	608
mom_x(17)	839	1140	690	761	1044	1033	1124	609
mom_y(0)	1083	983	989	811	790	712	549	
mom_y(1)	1085	981	987	815	791	715	549	886
mom_y(2)	1086	981	986	817	791	717	550	889
mom_y(3)	1086	982	981	821	790	719	550	891
mom_y(4)	1089	982	980	821	790	723	550	895
mom_y(5)	1090	982	978	822	790	726	548	899
mom_y(6)	1092	982	976	823	790	731	548	901
mom_y(7)	1093	982	976	823	790	735	547	904
mom_y(8)	1094	982	979	825	791	739	546	907
mom_y(9)	1095	984	979	825	791	742	546	908
mom_y(10)	1096	985	980	826	792	747	547	911
mom_y(11)	1097	985	982	826	793	752	546	913
mom_y(12)	1097	985	983	825	795	757	544	914
mom_y(13)	1098	984	983	824	796	762	543	916
mom_y(14)	1099	984	981	823	798	767	542	917
mom_y(15)	1099	983	981	820	800	772	541	918
mom_y(16)	1099	979	980	819	802	777	539	920
mom_y(17)	1100	980	978	817	803	782	537	922
mom_y(18)	1100	981	974	815	805	786	536	924

mom_y(19)	1099	981	972	812	805	790	536	925
mom_y(20)	1099	982	968	810	803	795	535	927
mom_y(21)	1098	982	965	808	805	798	532	927
mom_y(22)	1098	982	961	805	805	802	528	928
mom_y(23)	1097	982	958	804	807	807	526	928
mom_y(24)	1096	982	955	802	806	813	522	928
mom_y(25)	1095	982	952	799	808	815	519	928
mom_y(26)	1094	982	950	797	808	814	516	928
mom_y(27)	1094	982	950	797	808	814	516	928
mom_y(28)	1091	982	945	792	811	822	510	925
mom_y(29)	1091	982	945	792	811	822	510	925
mom_y(30)	1089	982	943	789	813	825	507	924
mom_y(31)	1087	982	941	786	815	829	504	923
mom_y(32)	1086	982	939	783	816	833	502	922
mom_y(33)	1084	982	938	779	817	836	497	920
mom_y(34)	1082	981	937	775	819	839	494	919
mom_y(35)	1081	981	937	770	820	841	491	918
mom_y(36)	1079	983	937	768	821	843	488	917
mom_y(37)	1078	984	938	764	822	844	485	917
mom_y(38)	1076	983	938	760	822	845	482	916
mom_y(39)	1074	984	939	756	821	846	479	916
mom_y(40)	1074	982	940	754	822	846	474	913
mom_y(41)	1072	980	942	748	822	845	471	911
mom_y(42)	1071	979	944	746	823	843	467	909
mom_y(43)	1069	978	945	742	823	842	462	908
mom_y(44)	1067	978	946	738	823	841	458	906
mom_y(45)	1066	979	948	733	823	840	456	907
mom_y(46)	1065	979	949	733	823	840	453	907
mom_y(47)	1064	979	950	729	823	837	450	908
mom_y(48)	1063	980	952	728	822	835	448	910
mom_y(49)	1063	981	953	724	821	835	445	910
mom_y(50)	1062	983	955	722	819	839	443	909
mom_y(51)	1061	983	957	717	819	842	440	910
mom_y(52)	1061	983	960	713	820	845	436	910
mom_y(53)	1059	983	963	708	820	851	432	908
mom_y(54)	1059	979	966	703	820	856	429	906
mom_y(55)	1057	979	969	698	820	862	426	903
mom_y(56)	1056	979	972	694	819	870	425	901
mom_y(57)	1055	979	974	690	819	876	425	899
mom_y(58)	1053	980	977	686	820	884	425	897
mom_y(59)	1052	981	980	680	821	890	426	894
mom_y(60)	1053	980	982	676	821	894	428	892
mom_y(61)	1055	981	984	672	821	901	428	890
mom_y(62)	1055	982	984	667	821	908	428	890
mom_y(63)	1056	983	987	666	821	915	428	889
mom_y(64)	1056	982	990	666	821	921	427	886
mom_y(65)	1055	983	992	667	821	927	426	881
mom_y(66)	1053	983	994	666	821	931	426	876
mom_y(67)	1053	983	994	664	821	938	427	872
mom_y(68)	1050	985	995	660	821	946	428	868

mom_y(69	1049	986	995	655	821	952	429	864
mom_y(70	1048	987	995	651	821	959	428	860
mom_y(71	1049	987	994	647	821	965	428	858
mom_y(72	1048	989	994	643	821	971	428	859
mom_y(73	1049	990	994	638	821	979	428	859
mom_y(74	1049	991	994	632	822	985	428	859
mom_y(75	1048	992	994	628	824	990	429	856
mom_y(76	1045	991	994	623	824	995	429	854
mom_y(77	1043	992	994	617	824	1002	429	854
mom_y(78	1041	992	994	614	825	1005	430	856
mom_y(79	1039	992	994	609	825	1010	430	856
mom_y(80	1038	992	994	605	824	1013	429	855
mom_y(81	1039	992	994	602	824	1015	428	854
mom_y(82	1040	992	994	597	824	1015	428	851
mom_y(83	1040	992	994	596	824	1014	426	851
mom_y(84	1040	992	994	596	823	1012	426	850
mom_y(85	1040	992	994	593	824	1009	426	849
mom_y(86	1039	992	993	589	825	1008	426	851
mom_y(87	1039	992	992	583	826	1006	426	850
mom_y(88	1038	992	991	578	826	1005	426	849
mom_y(89	1038	992	990	572	827	1004	426	847
mom_y(90	1038	992	989	565	826	1004	426	844
mom_y(91	1039	992	988	561	826	1004	426	840
mom_y(92	1039	992	986	556	826	1004	426	837
mom_y(93	1039	992	984	552	826	1004	426	835
mom_y(94	1039	992	984	549	824	1002	426	833
mom_y(95	1041	992	984	544	822	1000	426	836
mom_y(96	1041	992	983	541	821	998	426	839
mom_y(97	1041	992	984	539	819	997	426	839
mom_y(98	1041	992	985	538	819	995	426	839
mom_y(99	1041	992	985	536	820	991	425	836
mom_y(10	1039	992	985	535	820	989	424	834
mom_y(10	1041	992	985	535	820	987	425	832
mom_y(10	1043	993	987	534	820	983	425	831
mom_y(10	1045	993	988	534	820	979	426	828
mom_y(10	1046	993	988	534	821	975	428	826
mom_y(10	1046	993	987	534	821	971	429	824
mom_y(10	1046	993	985	534	821	966	431	821
mom_y(10	1046	993	985	534	822	962	433	820
mom_y(10	1046	993	984	533	822	956	436	819
mom_y(10	1047	993	984	531	822	951	440	817
mom_y(11	1046	993	983	530	822	948	443	815
mom_y(11	1046	993	982	527	822	944	447	818
mom_y(11	1047	992	982	521	822	942	453	821
mom_y(11	1047	993	983	520	822	943	456	819
mom_y(11	1047	993	983	517	822	949	461	817
mom_y(11	1047	994	984	516	822	952	468	815
mom_y(11	1045	993	982	514	822	954	472	814
mom_y(11	1044	993	982	513	822	959	474	812
mom_y(11	1044		982	512	822		481	811

mom_y(11)	1042		983	511	822		487	810
mom_y(12)	1041		983	510	822		490	807
mom_y(12)	1039		982	509	821		490	807
mom_y(12)	1038		983	508	822		493	806
mom_y(12)	1037		983	507	821		499	803
mom_y(12)	1037		982	507	822		505	802
mom_y(12)	1038	990	983	506	821	1010	509	801
mom_y(12)	1038	992	982	505	822	1016	512	800
mom_y(12)	1038	992	983	503	821	1022	510	804
mom_y(12)	1038	993	982	501	821	1029	510	807
mom_y(12)	1038	993	982	499	821	1035	511	809
mom_y(13)	1039	993	981	497	822	1044	517	810
mom_y(13)	1038	992	980	494	821	1050	520	809
mom_y(13)	1038	993	979	491	821	1058	525	804
mom_y(13)	1039	993	978	489	822	1065	530	803
mom_y(13)	1039	992	976	485	821	1073	533	803
mom_y(13)	1039	992	976	483	821	1080	538	808
mom_y(13)	1040	992	975	483	821	1083	539	810
mom_y(13)	1040	992	975	482	821	1090	540	812
mom_y(13)	1040	992	975	482	821	1097	544	813
mom_y(13)	1040	992	975	482	822	1104	548	815
mom_y(14)	1040	992	976	484	823	1107	554	818
mom_y(14)	1040	992	975	485	824	1113	555	821
mom_y(14)	1040	989	976	484	824	1119	552	823
mom_y(14)	1040	988	977	487	824	1124	549	825
mom_y(14)	1040	987	978	487	823	1128	548	822
mom_y(14)	1040	987	979	488	823	1132	547	819
mom_y(14)	1040	987	981	489	822	1134	544	819
mom_y(14)	1040	988	982	489	823	1133	541	817
mom_y(14)	1040	987	985	489	823	1133	539	815
mom_y(14)	1040	989	987	488	825	1130	536	812
mom_y(15)	1040	987	990	493	825	1129	533	809
mom_y(15)	1040	987	991	498	826	1131	530	807
mom_y(15)	1040	985	994	498	825	1129	526	805
mom_y(15)	1040	988	996	501	826	1124	522	806
mom_y(15)	1040	987	997	502	827	1124	518	805
mom_y(15)	1041	986	999	503	826	1123	512	805
mom_y(15)	1040	986	1001	505	824	1121	510	807
mom_y(15)	1040	987	1002	511	823	1120	505	808
mom_y(15)	1040	986	1004	514	823	1118	502	809
mom_y(15)	1040	986	1004	519	822	1116	496	810
mom_y(16)	1040	986	1005	523	821	1118	492	809
mom_y(16)	1040	986	1006	527	820	1121	487	809
mom_y(16)	1040	986	1008	532	820	1122	481	811
mom_y(16)	1040	986	1009	536	820	1119	478	807
mom_y(16)	1040	986	1011	542	820	1116	475	803
mom_y(16)	1040	986	1012	548	819	1117	470	802
mom_y(16)	1040	986	1013	551	819	1117	466	798
mom_y(16)	1040	986	1015	557	820	1117	463	795
mom_y(16)	1040	986	1014	560	820	1117	459	791

mom_y(16)	1041	986	1013	567	820	1116	457	787
mom_y(17)	1040	986	1014	572	821	1115	457	782
mom_y(17)	1040	986	1013	577	821	1114	457	778
mom_y(17)	1040	986	1013	582	821	1113	460	777
mom_y(17)	1039	986	1013	586	821	1112	462	777
mom_y(17)	1041	986	1013	587	821	1110	462	773
mom_y(17)	1041	986	1013	586	822	1108	464	771
mom_y(17)	1041	986	1013	586	822	1107	465	768
mom_y(17)	1041	986	1013	587	822	1106	468	772
mom_y(17)	1040	986	1013	592	822	1104	472	776
mom_y(17)	1039	986	1013	594	822	1103	476	777
mom_dst(0)	0	0	0	0	0	0	0	0
mom_dst(1)	2.23607	2.23607	2	4.47214	1.41421	6.7082	1	0
mom_dst(2)	2.23607	1	1	2.23607	1	6.32456	1.41421	3.16228
mom_dst(3)	0	1	5	4.47214	2.23607	5.38516	1	2
mom_dst(4)	4.24264	0	1.41421	1	2	8.94427	0	4.12311
mom_dst(5)	1.41421	0	2	2.23607	2	6.7082	2	4.12311
mom_dst(6)	2.82843	1	2	3.16228	2	7.81025	1	2.23607
mom_dst(7)	1.41421	0	0	1	2	5	3.16228	3.16228
mom_dst(8)	2.23607	1	3.60555	4.47214	3.16228	5.65685	2.23607	3.60555
mom_dst(9)	2.23607	2.23607	1	0	2	5	3	1.41421
mom_dst(1)	2.23607	1.41421	3.16228	1.41421	2.23607	5.83095	3.16228	3.60555
mom_dst(1)	3.16228	1	2.23607	4	2.23607	6.40312	1	2.82843
mom_dst(1)	0	0	1.41421	1.41421	3.60555	5.38516	2	2.23607
mom_dst(1)	5.09902	1	1	4.12311	1.41421	5.38516	3.16228	3.60555
mom_dst(1)	1.41421	0	2.23607	4.12311	2.82843	5.09902	2.23607	1.41421
mom_dst(1)	3	1	1	4.24264	2.23607	5.09902	3.16228	2.23607
mom_dst(1)	3	4	1	2.23607	2.82843	5.38516	2.23607	3.60555
mom_dst(1)	1.41421	1.41421	2.23607	2.82843	1.41421	5.83095	3.60555	3.60555
mom_dst(1)	2	1	4.47214	2.23607	2.23607	5	1.41421	3.60555
mom_dst(1)	2.23607	0	2.82843	4.24264	1	5.65685	1	4.12311
mom_dst(2)	2	1	4.47214	2.23607	2.82843	5.09902	2.23607	3.60555
mom_dst(2)	2.23607	1	3.60555	2	2	3.16228	3.16228	3
mom_dst(2)	1	1	5	3.16228	2	4.12311	4.12311	3.16228
mom_dst(2)	4.12311	0	3.60555	1.41421	2	5.09902	2.23607	5
mom_dst(2)	1.41421	0	3.60555	2.82843	2.23607	6.32456	4.47214	3
mom_dst(2)	3.16228	0	4.24264	3.16228	2.23607	2	3.16228	2
mom_dst(2)	2.23607	0	3.60555	2.23607	1	1.41421	3.16228	5
mom_dst(2)	0	0	0	0	0	0	0	0
mom_dst(2)	6.7082	0	7.81025	5.38516	3.60555	9.43398	7.2111	7.61577
mom_dst(2)	0	0	0	0	0	0	0	0
mom_dst(3)	2.82843	0	5.38516	3.16228	2.82843	5	3	2.23607
mom_dst(3)	2.82843	0	3.60555	3.16228	2.23607	7.2111	3.60555	3.16228
mom_dst(3)	1.41421	1	5.38516	3.16228	1	6.40312	2.82843	3.16228
mom_dst(3)	3.60555	0	4.12311	4	2.23607	6.7082	5.09902	4.47214
mom_dst(3)	2.23607	1.41421	3.16228	4.12311	2	6.7082	3.16228	2.23607
mom_dst(3)	1.41421	0	5	5.09902	2.23607	7.28011	3.16228	1.41421
mom_dst(3)	2.82843	2.23607	3	2	1.41421	7.28011	3	3.16228
mom_dst(3)	1.41421	1.41421	4.12311	4	1.41421	6.08276	3.16228	1
mom_dst(3)	2.23607	1.41421	3	4.12311	0	5.09902	3.16228	3.16228

mom_dst(ε	3.60555	1.41421	4.12311	4	1	4.12311	3.16228	1
mom_dst(ϕ	0	2	2.23607	2	2.23607	5	5.09902	4.24264
mom_dst(ϕ	2.82843	2	3.60555	6	2	6.08276	3	2.82843
mom_dst(ϕ	2.23607	1.41421	3.60555	2.23607	1	5.38516	4.47214	2
mom_dst(ϕ	2.23607	1.41421	4.12311	4.12311	0	5.09902	5.09902	1.41421
mom_dst(ϕ	3.60555	0	2.23607	4.12311	1	7.07107	4.47214	2.23607
mom_dst(ϕ	1.41421	1	3.60555	5.09902	1	6.08276	2.82843	1.41421
mom_dst(ϕ	2.23607	1	4.12311	1	0	7	3.16228	1
mom_dst(ϕ	2.23607	2	3.16228	4.12311	0	5	4.24264	2.23607
mom_dst(ϕ	2.23607	1.41421	3.60555	1	2.23607	2.82843	2.82843	2.23607
mom_dst(ϕ	1	1.41421	1.41421	4	2.23607	0	3.60555	1
mom_dst(ε	3.16228	2.23607	3.60555	2.23607	2.23607	4	2.23607	1.41421
mom_dst(ε	1.41421	1	2.23607	5.09902	1	3	3.60555	1
mom_dst(ε	2	1	3.60555	4	1.41421	3.60555	4.47214	0
mom_dst(ε	2.82843	0	3.60555	5	0	6.32456	4.47214	2.23607
mom_dst(ε	1	4	3.60555	5	1	5.38516	3.60555	2.82843
mom_dst(ε	2.82843	0	3.16228	5.09902	0	6.08276	3.60555	5
mom_dst(ε	1	0	3.16228	4.12311	1	8	2.23607	3.60555
mom_dst(ε	2.23607	1	2	4.12311	0	6.08276	0	2.82843
mom_dst(ε	2.82843	2.23607	3.16228	4.12311	1	8.24621	1	4.47214
mom_dst(ε	1.41421	2.23607	3	6	1	6.08276	1.41421	4.24264
mom_dst(ϵ	1	1	2	4	0	4.47214	2.23607	2.82843
mom_dst(ϵ	2.23607	1.41421	2	4	1	7.28011	3	2.23607
mom_dst(ϵ	1	1.41421	0	5.38516	1	7.61577	1	1
mom_dst(ϵ	1	1.41421	3.16228	1.41421	0	7.61577	1	1
mom_dst(ϵ	1	1.41421	3.16228	1	1	7.81025	1.41421	3
mom_dst(ϵ	1.41421	1.41421	2	2.23607	0	7.81025	1.41421	5
mom_dst(ϵ	2.23607	1	2.23607	2.23607	0	5	0	5
mom_dst(ϵ	2	0	1	2.23607	0	8.06226	1.41421	4.12311
mom_dst(ϵ	3.60555	2.23607	1	4.12311	0	8.544	1	4
mom_dst(ϵ	1.41421	1	0	5.09902	1	6.32456	1	4.12311
mom_dst(̄	1.41421	2.23607	1	4.12311	1	7.28011	1	4.12311
mom_dst(̄	1.41421	2	1	4.12311	0	6.08276	0	2
mom_dst(̄	1.41421	2.82843	0	4.12311	0	6	1	2.23607
mom_dst(̄	1.41421	1	0	5.09902	0	8.06226	0	1
mom_dst(̄	0	1	0	6	1.41421	6.32456	0	1
mom_dst(̄	1.41421	1	0	4	2.23607	5.09902	1	3.16228
mom_dst(̄	3.60555	1	0	5	0	5.83095	0	2
mom_dst(̄	2.82843	1.41421	0	6.08276	0	7.28011	0	0
mom_dst(̄	2.82843	0	0	3	1.41421	3.16228	1.41421	3.60555
mom_dst(̄	2.82843	0	0	5.38516	0	6.40312	0	3
mom_dst(ξ	1	0	0	4.47214	2.23607	5	1	1.41421
mom_dst(ξ	1.41421	1	0	3.60555	0	4.47214	1.41421	2.23607
mom_dst(ξ	1.41421	1	0	6.40312	0	5	0	3.60555
mom_dst(ξ	1	1	0	1.41421	0	6.08276	2.23607	0
mom_dst(ξ	2	0	0	1	1	7.28011	0	2.23607
mom_dst(ξ	1	0	0	3.16228	1.41421	7.61577	0	1
mom_dst(ξ	1.41421	0	1	4.47214	2.23607	6.08276	0	2.82843
mom_dst(ξ	1	0	1	6.08276	1	4.47214	1	3.16228
mom_dst(ξ	1	0	1	5	1	7.07107	1	2.23607

mom_dst(€	0	0	1.41421	6.08276	1.41421	8.06226	1	2.82843
mom_dst(€	0	0	1	7	2.23607	7	1	3.60555
mom_dst(€	1	0	1	4.12311	0	8	0	4.47214
mom_dst(€	0	0	2.23607	5.38516	1	7	0	4.24264
mom_dst(€	0	0	2.23607	4.12311	2	7	0	3.60555
mom_dst(€	0	0	1	3.60555	2	8.24621	0	2.82843
mom_dst(€	2	0	0	5.83095	2.23607	7.28011	0	3.16228
mom_dst(€	1	0	1	5	1	7.28011	0	3.16228
mom_dst(€	0	1	1.41421	3.60555	2	7.07107	0	1
mom_dst(€	1	0	2.23607	3.16228	1	7.28011	0	2
mom_dst(€	1	0	1	5.38516	1.41421	8.94427	1.41421	3.16228
mom_dst(1	2.23607	1	1	3.16228	0	6.32456	1.41421	2.23607
mom_dst(1	2.23607	1	0	6	0	4.47214	2.23607	2.23607
mom_dst(1	2	1	2	4.12311	1	8.06226	3	1.41421
mom_dst(1	2	0	1	5	1	8.06226	3.16228	4.24264
mom_dst(1	1.41421	0	1	6	1	7.2111	3.60555	2.82843
mom_dst(1	0	1	2.23607	4	1	6.40312	2.23607	3.60555
mom_dst(1	2	1	2	6	0	7.07107	3.60555	3.60555
mom_dst(1	0	0	1	0	1.41421	6.40312	2.82843	3.16228
mom_dst(1	1	0	1.41421	2.23607	0	8.48528	3.60555	1.41421
mom_dst(1	1	0	0	3.60555	0	7.07107	4.47214	2
mom_dst(1	1	0	1	1.41421	0	5	5	3.60555
mom_dst(1	0	0	1	3.60555	0	5	4	4.24264
mom_dst(1	3.16228	1.41421	0	6.7082	0	2.82843	6.7082	4.24264
mom_dst(1	1	1	1.41421	3.16228	0	1.41421	4.24264	2.23607
mom_dst(1	2	0	0	5.83095	1	6.08276	5.09902	2.82843
mom_dst(1	1	1.41421	1.41421	5.09902	0	3.16228	9.21954	2.23607
mom_dst(1	2.23607	1.41421	2.23607	4.47214	0	2.23607	6.40312	2.23607
mom_dst(1	1	1	0	5.09902	0	5.38516	3.60555	3.60555
mom_dst(1	1		0	5.09902	0		9.21954	2.23607
mom_dst(1	2		1.41421	5.09902	0		6	3.16228
mom_dst(1	1		0	5.09902	0		3.16228	5
mom_dst(1	2		1.41421	5.09902	1		1	1
mom_dst(1	1		1.41421	5.09902	1		3.16228	3.16228
mom_dst(1	1		0	5.09902	1		7.2111	3.60555
mom_dst(1	0		1.41421	5	1		6.32456	3.16228
mom_dst(1	1	4.24264	1.41421	4.12311	1	51.9711	4.12311	2.23607
mom_dst(1	1	3.60555	1	5.09902	1	6	3.60555	2.23607
mom_dst(1	1	1	1	6.32456	1	6	3.60555	4.12311
mom_dst(1	0	1.41421	1.41421	4.47214	0	7.07107	2	3.16228
mom_dst(1	0	0	0	4.47214	0	6	1.41421	3.60555
mom_dst(1	1	0	1.41421	2.82843	1	9	6.7082	2.23607
mom_dst(1	1	1.41421	1	5	1	6	3.60555	1
mom_dst(1	0	1	1.41421	4.24264	0	8.06226	5.38516	5
mom_dst(1	1	0	1	2.82843	1	7.07107	5.09902	2.23607
mom_dst(1	0	1	2.23607	5.65685	1	8	3.60555	2
mom_dst(1	0	1	0	2.82843	0	7.28011	5.09902	5.83095
mom_dst(1	1	1	1	0	0	3.16228	4.12311	2.82843
mom_dst(1	0	0	0	1	0	7.61577	1.41421	2.82843
mom_dst(1	0	0	0	2	0	7.61577	5	2.23607

mom_dst(1)	0	0	1	1	1.41421	8.60233	4.12311	2.82843
mom_dst(1)	1	0	1	2	1.41421	4.24264	6.08276	3.60555
mom_dst(1)	0	0	1.41421	2.23607	1.41421	7.2111	1.41421	4.24264
mom_dst(1)	1	3.60555	1	3.16228	1	7.81025	3.16228	2.82843
mom_dst(1)	0	1.41421	1	3.16228	0	5.83095	5	2.82843
mom_dst(1)	0	1	1	0	1	4.47214	3.16228	3
mom_dst(1)	0	1	1	3.16228	0	4.47214	4.12311	3.16228
mom_dst(1)	0	0	2.23607	5.09902	1	2	5.83095	3
mom_dst(1)	0	1	1	3	1	2.23607	4.24264	4.47214
mom_dst(1)	0	1	3.16228	1	0	0	5.38516	4.47214
mom_dst(1)	0	2.82843	2.23607	1	2.23607	3.60555	4.24264	5
mom_dst(1)	0	2.23607	3	5.38516	1	3.16228	4.24264	5
mom_dst(1)	0	1	1	5.09902	1.41421	2	4.24264	3.60555
mom_dst(1)	0	2.23607	3.16228	1	1	2.23607	4.47214	2
mom_dst(1)	0	3.60555	2	3.16228	1.41421	7.07107	5	1.41421
mom_dst(1)	0	1	1	1.41421	1	3	4.47214	3.16228
mom_dst(1)	1	1	2	2.23607	1.41421	2.23607	7.2111	0
mom_dst(1)	1	0	2	2	2	3.60555	2.23607	2.23607
mom_dst(1)	0	1	1	6.08276	1.41421	1.41421	5.83095	2.23607
mom_dst(1)	0	1	2	3.16228	0	4.47214	3.60555	4.12311
mom_dst(1)	0	0	1	5	1	2.82843	6.7082	4.12311
mom_dst(1)	0	0	1	4	1.41421	2.82843	4.47214	1
mom_dst(1)	0	0	1.41421	4.12311	1.41421	3.16228	5.38516	1
mom_dst(1)	0	0	2.23607	5	1	1	6.7082	2.82843
mom_dst(1)	0	0	1	4.12311	1	3	3.16228	4
mom_dst(1)	0	0	2.23607	6.08276	0	3.60555	3.16228	4.47214
mom_dst(1)	0	0	1	6.08276	1	2.23607	5.38516	2.23607
mom_dst(1)	0	0	1.41421	3	1	3	4.47214	4.12311
mom_dst(1)	0	0	2.23607	6	1	4	3.60555	3.16228
mom_dst(1)	0	0	1	3.16228	0	5	4.12311	4.12311
mom_dst(1)	1	1	1.41421	7.07107	0	5.09902	2.82843	4.12311
mom_dst(1)	1	0	1	5	1.41421	6.08276	0	5.09902
mom_dst(1)	0	1	1	5.09902	0	4.12311	0	4.47214
mom_dst(1)	0	0	0	5.09902	0	4.12311	3	1.41421
mom_dst(1)	1	0	0	4	0	6.08276	2	2
mom_dst(1)	2	0	0	1.41421	1	4.47214	2	5
mom_dst(1)	0	0	0	2.23607	1	7.28011	3.60555	2.23607
mom_dst(1)	0	0	0	1	1	4.12311	3.16228	3.16228
mom_dst(1)	0	1	0	2.23607	0	6.08276	4.24264	4.47214
mom_dst(1)	1	1	0	5.83095	2	7.28011	5	4.12311
mom_dst(1)	1	0	0	2.82843	0	3.16228	5	1.41421
acc_dst(0)	0	0	0	0	0	0	0	
acc_dst(1)	2.23607	2.23607	2	4.47214	1.41421	6.7082	1	0
acc_dst(2)	4.47214	3.23607	3	6.7082	2.41421	13.0328	2.41421	3.16228
acc_dst(3)	4.47214	4.23607	8	11.1803	4.65028	18.4179	3.41421	3.16228
acc_dst(4)	8.71478	4.23607	9.41421	12.1803	6.65028	27.3622	3.41421	5.16228
acc_dst(5)	10.129	4.23607	11.4142	14.4164	8.65028	34.0704	5.41421	9.28538
acc_dst(6)	12.9574	5.23607	13.4142	17.5787	10.6503	41.8806	6.41421	13.4085
acc_dst(7)	14.3716	5.23607	13.4142	18.5787	12.6503	46.8806	9.57649	15.6446
acc_dst(8)	16.6077	6.23607	17.0198	23.0508	15.8126	52.5375	11.8126	18.8068

acc_dst(9)	18.8438	8.47214	18.0198	23.0508	17.8126	57.5375	14.8126	22.4124
acc_dst(10)	21.0798	9.88635	21.182	24.465	20.0486	63.3685	17.9748	23.8266
acc_dst(11)	24.2421	10.8863	23.4181	28.465	22.2847	69.7716	18.9748	27.4322
acc_dst(12)	24.2421	10.8863	24.8323	29.8792	25.8902	75.1567	20.9748	30.2606
acc_dst(13)	29.3411	11.8863	25.8323	34.0024	27.3045	80.5419	24.1371	32.4966
acc_dst(14)	30.7553	11.8863	28.0684	38.1255	30.1329	85.6409	26.3732	36.1022
acc_dst(15)	33.7553	12.8863	29.0684	42.3681	32.369	90.7399	29.5355	37.5164
acc_dst(16)	36.7553	16.8863	30.0684	44.6042	35.1974	96.1251	31.7715	39.7525
acc_dst(17)	38.1696	18.3006	32.3045	47.4326	36.6116	101.956	35.3771	43.358
acc_dst(18)	40.1696	19.3006	36.7766	49.6687	38.8477	106.956	36.7913	46.9636
acc_dst(19)	42.4056	19.3006	39.605	53.9113	39.8477	112.613	37.7913	50.5691
acc_dst(20)	44.4056	20.3006	44.0772	56.1474	42.6761	117.712	40.0274	54.6922
acc_dst(21)	46.6417	21.3006	47.6827	58.1474	44.6761	120.874	43.1896	58.2978
acc_dst(22)	47.6417	22.3006	52.6827	61.3096	46.6761	124.997	47.3127	61.2978
acc_dst(23)	51.7648	22.3006	56.2883	62.7239	48.6761	130.096	49.5488	64.4601
acc_dst(24)	53.179	22.3006	59.8938	65.5523	50.9122	136.421	54.0209	69.4601
acc_dst(25)	56.3413	22.3006	64.1365	68.7146	53.1482	138.421	57.1832	72.4601
acc_dst(26)	58.5774	22.3006	67.742	70.9506	54.1482	139.835	60.3455	74.4601
acc_dst(27)	58.5774	22.3006	67.742	70.9506	54.1482	139.835	60.3455	79.4601
acc_dst(28)	65.2856	22.3006	75.5523	76.3358	57.7538	149.269	67.5566	79.4601
acc_dst(29)	65.2856	22.3006	75.5523	76.3358	57.7538	149.269	67.5566	87.0758
acc_dst(30)	68.114	22.3006	80.9374	79.4981	60.5822	154.269	70.5566	87.0758
acc_dst(31)	70.9424	22.3006	84.543	82.6604	62.8183	161.48	74.1622	89.3119
acc_dst(32)	72.3566	23.3006	89.9281	85.8226	63.8183	167.883	76.9906	92.4742
acc_dst(33)	75.9622	23.3006	94.0512	89.8226	66.0543	174.592	82.0896	95.6365
acc_dst(34)	78.1983	24.7148	97.2135	93.9457	68.0543	181.3	85.2519	100.109
acc_dst(35)	79.6125	24.7148	102.214	99.0448	70.2904	188.58	88.4142	102.345
acc_dst(36)	82.4409	26.9508	105.214	101.045	71.7046	195.86	91.4142	103.759
acc_dst(37)	83.8551	28.3651	109.337	105.045	73.1188	201.943	94.5764	106.921
acc_dst(38)	86.0912	29.7793	112.337	109.168	73.1188	207.042	97.7387	107.921
acc_dst(39)	89.6967	31.1935	116.46	113.168	74.1188	211.165	100.901	111.083
acc_dst(40)	89.6967	33.1935	118.696	115.168	76.3549	216.165	106	112.083
acc_dst(41)	92.5252	35.1935	122.301	121.168	78.3549	222.248	109	116.326
acc_dst(42)	94.7612	36.6077	125.907	123.404	79.3549	227.633	113.472	119.155
acc_dst(43)	96.9973	38.0219	130.03	127.527	79.3549	232.732	118.571	121.155
acc_dst(44)	100.603	38.0219	132.266	131.65	80.3549	239.803	123.043	122.569
acc_dst(45)	102.017	39.0219	135.872	136.749	81.3549	245.886	125.872	124.805
acc_dst(46)	104.253	40.0219	139.995	137.749	81.3549	252.886	129.034	126.219
acc_dst(47)	106.489	42.0219	143.157	141.872	81.3549	257.886	133.277	127.219
acc_dst(48)	108.725	43.4361	146.763	142.872	83.591	260.714	136.105	129.455
acc_dst(49)	109.725	44.8503	148.177	146.872	85.827	260.714	139.711	131.691
acc_dst(50)	112.888	47.0864	151.782	149.108	88.0631	264.714	141.947	132.691
acc_dst(51)	114.302	48.0864	154.018	154.207	89.0631	267.714	145.552	134.105
acc_dst(52)	116.302	49.0864	157.624	158.207	90.4773	271.32	150.024	135.105
acc_dst(53)	119.13	49.0864	161.229	163.207	90.4773	277.644	154.497	135.105
acc_dst(54)	120.13	53.0864	164.835	168.207	91.4773	283.029	158.102	137.341
acc_dst(55)	122.959	53.0864	167.997	173.306	91.4773	289.112	161.708	140.17
acc_dst(56)	123.959	53.0864	171.16	177.429	92.4773	297.112	163.944	145.17
acc_dst(57)	126.195	54.0864	173.16	181.553	92.4773	303.195	163.944	148.775
acc_dst(58)	129.023	56.3225	176.322	185.676	93.4773	311.441	164.944	151.604

acc_dst(59)	130.437	58.5585	179.322	191.676	94.4773	317.524	166.358	156.076
acc_dst(60)	131.437	59.5585	181.322	195.676	94.4773	321.996	168.594	160.319
acc_dst(61)	133.673	60.9728	183.322	199.676	95.4773	329.276	171.594	163.147
acc_dst(62)	134.673	62.387	183.322	205.061	96.4773	336.892	172.594	165.383
acc_dst(63)	135.673	63.8012	186.484	206.475	96.4773	344.508	173.594	166.383
acc_dst(64)	136.673	65.2154	189.646	207.475	97.4773	352.318	175.008	167.383
acc_dst(65)	138.088	66.6296	191.646	209.711	97.4773	360.128	176.422	170.383
acc_dst(66)	140.324	67.6296	193.883	211.947	97.4773	365.128	176.422	175.383
acc_dst(67)	142.324	67.6296	194.883	214.183	97.4773	373.19	177.837	180.383
acc_dst(68)	145.929	69.8657	195.883	218.306	97.4773	381.734	178.837	184.506
acc_dst(69)	147.343	70.8657	195.883	223.405	98.4773	388.059	179.837	188.506
acc_dst(70)	148.758	73.1017	196.883	227.529	99.4773	395.339	180.837	192.629
acc_dst(71)	150.172	75.1017	197.883	231.652	99.4773	401.422	180.837	196.752
acc_dst(72)	151.586	77.9302	197.883	235.775	99.4773	407.422	181.837	198.752
acc_dst(73)	153	78.9302	197.883	240.874	99.4773	415.484	181.837	200.988
acc_dst(74)	153	79.9302	197.883	246.874	100.892	421.809	181.837	201.988
acc_dst(75)	154.414	80.9302	197.883	250.874	103.128	426.908	182.837	202.988
acc_dst(76)	158.02	81.9302	197.883	255.874	103.128	432.739	182.837	206.151
acc_dst(77)	160.848	83.3444	197.883	261.956	103.128	440.019	182.837	208.151
acc_dst(78)	163.677	83.3444	197.883	264.956	104.542	443.181	184.251	208.151
acc_dst(79)	166.505	83.3444	197.883	270.342	104.542	449.584	184.251	211.756
acc_dst(80)	167.505	83.3444	197.883	274.814	106.778	454.584	185.251	214.756
acc_dst(81)	168.92	84.3444	197.883	278.419	106.778	459.056	186.665	216.171
acc_dst(82)	170.334	85.3444	197.883	284.822	106.778	464.056	186.665	218.407
acc_dst(83)	171.334	86.3444	197.883	286.237	106.778	470.139	188.901	222.012
acc_dst(84)	173.334	86.3444	197.883	287.237	107.778	477.419	188.901	222.012
acc_dst(85)	174.334	86.3444	197.883	290.399	109.192	485.035	188.901	224.248
acc_dst(86)	175.748	86.3444	198.883	294.871	111.428	491.118	188.901	225.248
acc_dst(87)	176.748	86.3444	199.883	300.954	112.428	495.59	189.901	228.077
acc_dst(88)	177.748	86.3444	200.883	305.954	113.428	502.661	190.901	231.239
acc_dst(89)	177.748	86.3444	202.297	312.037	114.842	510.723	191.901	233.475
acc_dst(90)	177.748	86.3444	203.297	319.037	117.078	517.723	192.901	236.303
acc_dst(91)	178.748	86.3444	204.297	323.16	117.078	525.723	192.901	239.909
acc_dst(92)	178.748	86.3444	206.533	328.545	118.078	532.723	192.901	244.381
acc_dst(93)	178.748	86.3444	208.769	332.668	120.078	539.723	192.901	248.624
acc_dst(94)	178.748	86.3444	209.769	336.274	122.078	547.969	192.901	252.229
acc_dst(95)	180.748	86.3444	209.769	342.105	124.315	555.249	192.901	255.058
acc_dst(96)	181.748	86.3444	210.769	347.105	125.315	562.53	192.901	258.22
acc_dst(97)	181.748	87.3444	212.183	350.71	127.315	569.601	192.901	261.382
acc_dst(98)	182.748	87.3444	214.419	353.872	128.315	576.881	192.901	262.382
acc_dst(99)	183.748	87.3444	215.419	359.258	129.729	585.825	194.315	264.382
acc_dst(100)	185.984	88.3444	216.419	362.42	129.729	592.15	195.73	267.545
acc_dst(101)	188.22	89.3444	216.419	368.42	129.729	596.622	197.966	269.781
acc_dst(102)	190.22	90.3444	218.419	372.543	130.729	604.684	200.966	272.017
acc_dst(103)	192.22	90.3444	219.419	377.543	131.729	612.746	204.128	273.431
acc_dst(104)	193.634	90.3444	220.419	383.543	132.729	619.957	207.733	277.674
acc_dst(105)	193.634	91.3444	222.655	387.543	133.729	626.36	209.969	280.502
acc_dst(106)	195.634	92.3444	224.655	393.543	133.729	633.431	213.575	284.108
acc_dst(107)	195.634	92.3444	225.655	393.543	135.143	639.835	216.403	287.713
acc_dst(108)	196.634	92.3444	227.069	395.779	135.143	648.32	220.009	290.875

acc_dst(10)	197.634	92.3444	227.069	399.385	135.143	655.391	224.481	292.29
acc_dst(11)	198.634	92.3444	228.069	400.799	135.143	660.391	229.481	294.29
acc_dst(11)	198.634	92.3444	229.069	404.404	135.143	665.391	233.481	297.895
acc_dst(11)	201.797	93.7586	229.069	411.112	135.143	668.219	240.189	302.138
acc_dst(11)	202.797	94.7586	230.484	414.275	135.143	669.634	244.432	306.38
acc_dst(11)	204.797	94.7586	230.484	420.106	136.143	675.716	249.531	308.616
acc_dst(11)	205.797	96.1728	231.898	425.205	136.143	678.879	258.751	311.445
acc_dst(11)	208.033	97.587	234.134	429.677	136.143	681.115	265.154	313.681
acc_dst(11)	209.033	98.587	234.134	434.776	136.143	686.5	268.759	315.917
acc_dst(11)	210.033		234.134	439.875	136.143		277.979	319.523
acc_dst(11)	212.033		235.548	444.974	136.143		283.979	321.759
acc_dst(12)	213.033		235.548	450.073	136.143		287.141	324.921
acc_dst(12)	215.033		236.962	455.172	137.143		288.141	329.921
acc_dst(12)	216.033		238.377	460.271	138.143		291.303	330.921
acc_dst(12)	217.033		238.377	465.37	139.143		298.514	334.083
acc_dst(12)	217.033		239.791	470.37	140.143		304.839	337.689
acc_dst(12)	218.033	102.83	241.205	474.493	141.143	738.471	308.962	340.851
acc_dst(12)	219.033	106.435	242.205	479.592	142.143	744.471	312.568	343.087
acc_dst(12)	220.033	107.435	243.205	485.917	143.143	750.471	316.173	345.323
acc_dst(12)	220.033	108.849	244.619	490.389	143.143	757.542	318.173	349.446
acc_dst(12)	220.033	108.849	244.619	494.861	143.143	763.542	319.587	352.609
acc_dst(13)	221.033	108.849	246.033	497.689	144.143	772.542	326.296	356.214
acc_dst(13)	222.033	110.264	247.033	502.689	145.143	778.542	329.901	358.45
acc_dst(13)	222.033	111.264	248.448	506.932	145.143	786.604	335.286	359.45
acc_dst(13)	223.033	111.264	249.448	509.76	146.143	793.675	340.385	364.45
acc_dst(13)	223.033	112.264	251.684	515.417	147.143	801.675	343.991	366.686
acc_dst(13)	223.033	113.264	251.684	518.246	147.143	808.956	349.09	368.686
acc_dst(13)	224.033	114.264	252.684	518.246	147.143	812.118	353.213	374.517
acc_dst(13)	224.033	114.264	252.684	519.246	147.143	819.734	354.627	377.346
acc_dst(13)	224.033	114.264	252.684	521.246	147.143	827.349	359.627	380.174
acc_dst(13)	224.033	114.264	253.684	522.246	148.557	835.952	363.75	382.41
acc_dst(14)	225.033	114.264	254.684	524.246	149.971	840.194	369.833	385.239
acc_dst(14)	225.033	114.264	256.098	526.482	151.386	847.405	371.247	388.844
acc_dst(14)	226.033	117.869	257.098	529.644	152.386	855.216	374.41	393.087
acc_dst(14)	226.033	119.283	258.098	532.806	152.386	861.047	379.41	395.915
acc_dst(14)	226.033	120.283	259.098	532.806	153.386	865.519	382.572	398.744
acc_dst(14)	226.033	121.283	260.098	535.969	153.386	869.991	386.695	401.744
acc_dst(14)	226.033	121.283	262.334	541.068	154.386	871.991	392.526	404.906
acc_dst(14)	226.033	122.283	263.334	544.068	155.386	874.227	396.769	407.906
acc_dst(14)	226.033	123.283	266.496	545.068	155.386	874.227	402.154	412.378
acc_dst(14)	226.033	126.112	268.732	546.068	157.622	877.832	406.396	416.85
acc_dst(15)	226.033	128.348	271.732	551.453	158.622	880.995	410.639	421.85
acc_dst(15)	226.033	129.348	272.732	556.552	160.036	882.995	414.882	426.85
acc_dst(15)	226.033	131.584	275.895	557.552	161.036	885.231	419.354	430.456
acc_dst(15)	226.033	135.19	277.895	560.714	162.45	892.302	424.354	432.456
acc_dst(15)	226.033	136.19	278.895	562.128	163.45	895.302	428.826	433.87
acc_dst(15)	227.033	137.19	280.895	564.364	164.864	897.538	436.037	437.032
acc_dst(15)	228.033	137.19	282.895	566.364	166.864	901.144	438.273	437.032
acc_dst(15)	228.033	138.19	283.895	572.447	168.279	902.558	444.104	439.268
acc_dst(15)	228.033	139.19	285.895	575.609	168.279	907.03	447.71	441.504

acc_dst(15)	228.033	139.19	286.895	580.609	169.279	909.858	454.418	445.627
acc_dst(16)	228.033	139.19	287.895	584.609	170.693	912.687	458.89	449.751
acc_dst(16)	228.033	139.19	289.309	588.733	172.107	915.849	464.275	450.751
acc_dst(16)	228.033	139.19	291.545	593.733	173.107	916.849	470.983	451.751
acc_dst(16)	228.033	139.19	292.545	597.856	174.107	919.849	474.146	454.579
acc_dst(16)	228.033	139.19	294.781	603.938	174.107	923.455	477.308	458.579
acc_dst(16)	228.033	139.19	295.781	610.021	175.107	925.691	482.693	463.051
acc_dst(16)	228.033	139.19	297.195	613.021	176.107	928.691	487.165	465.287
acc_dst(16)	228.033	139.19	299.431	619.021	177.107	932.691	490.771	469.41
acc_dst(16)	228.033	139.19	300.431	622.183	177.107	937.691	494.894	472.573
acc_dst(16)	229.033	140.19	301.845	629.255	177.107	942.79	497.722	476.696
acc_dst(17)	230.033	140.19	302.845	634.255	178.521	948.872	497.722	480.819
acc_dst(17)	230.033	141.19	303.845	639.354	178.521	952.996	497.722	485.918
acc_dst(17)	230.033	141.19	303.845	644.453	178.521	957.119	500.722	490.39
acc_dst(17)	231.033	141.19	303.845	648.453	178.521	963.201	502.722	491.804
acc_dst(17)	233.033	141.19	303.845	649.867	179.521	967.674	504.722	493.804
acc_dst(17)	233.033	141.19	303.845	652.103	180.521	974.954	508.328	498.804
acc_dst(17)	233.033	141.19	303.845	653.103	181.521	979.077	511.49	501.04
acc_dst(17)	233.033	142.19	303.845	655.339	181.521	985.159	515.733	504.202
acc_dst(17)	234.033	143.19	303.845	661.17	183.521	992.44	520.733	508.675
acc_dst(17)	235.033	143.19	303.845	663.998	183.521	995.602	525.733	512.798
dst_to_orig	0	1510.6	0	0	0	1157.02	0	
dst_to_orig	2.23607	1508.53	2	4.47214	1.41421	1154.15	1	0
dst_to_orig	4.24264	1509.29	3	6.7082	2.23607	1150.69	1	0
dst_to_orig	4.24264	1509.94	8	11.1803	4	1148.04	1.41421	3.16228
dst_to_orig	8.48528	1509.94	9.05539	11.6619	6	1144.33	1.41421	5.09902
dst_to_orig	9.89949	1509.94	11.0454	13.6015	8	1141.59	1.41421	9.21954
dst_to_orig	12.7279	1509.19	13.0384	16.2788	10	1140.17	2.23607	13.3417
dst_to_orig	14.1421	1509.19	13.0384	16.9706	12	1140.44	5.38516	15.5242
dst_to_orig	16.2788	1508.43	10.4403	21.2603	15.0333	1139.98	7.61577	18.6815
dst_to_orig	18.4391	1508.97	10.7703	21.2603	17.0294	1138.89	10.4403	22.1359
dst_to_orig	20.6155	1510.38	11.4018	22.6716	19.105	1139.88	13.1529	23.4094
dst_to_orig	23.6008	1511.14	10.6301	25.807	21.2132	1140.15	13.3417	26.9258
dst_to_orig	23.6008	1511.14	10.8167	26.0768	24.5153	1141.96	13.9284	29.5466
dst_to_orig	28.3019	1510.49	10	29.0689	25.7099	1143.79	17.088	31.305
dst_to_orig	29.6816	1510.49	10.6301	32.311	28.1603	1146.38	19.3132	34.4819
dst_to_orig	32.249	1509.84	10	34.2053	29.7321	1148.99	22.4722	35.8469
dst_to_orig	34.8855	1507.23	10.8167	35.9026	32.311	1150.88	24.1661	37.7359
dst_to_orig	36.2353	1508.64	13.0384	37.4833	33.6155	1152.06	27.7308	41.0488
dst_to_orig	38.0132	1509.29	17.4929	38.2099	35.3412	1152.58	27.2947	44.4072
dst_to_orig	39.3954	1509.29	20.2485	41.0122	36.2491	1152.4	26.4197	47.8017
dst_to_orig	41.2311	1509.94	24.6982	42.0119	37.3363	1155.11	28.6531	51.0882
dst_to_orig	42.72	1509.19	28.3019	42.107	38.0789	1156.45	29.4109	54.5619
dst_to_orig	43.6578	1509.94	33.2866	43.4166	39.9249	1158.49	32.6497	56.5862
dst_to_orig	47.1275	1509.94	36.8917	44.5533	40.7185	1161.24	33.2415	59.397
dst_to_orig	47.8017	1509.94	40.4969	46.8722	42.1545	1163.98	34.8281	63.0317
dst_to_orig	50.448	1509.94	44.6542	48.5077	43.8634	1165.38	36.6197	65.2993
dst_to_orig	52.1728	1509.94	48.0104	50	44.7772	1165.4	38.5876	66.8431
dst_to_orig	52.1728	1509.94	48.0104	50	44.7772	1165.4	38.5876	70.8025
dst_to_orig	57.5587	1509.94	55.6058	53.4883	47.8539	1174.57	42.1545	70.8025

dst_to_ori	57.5587	1509.94	55.6058	53.4883	47.8539	1174.57	42.1545	74.9466
dst_to_ori	59.3043	1509.94	60.3075	55.5428	50.5371	1179.52	44.9444	74.9466
dst_to_ori	61.131	1509.94	63.7809	57.6975	52.3546	1186.61	47.1275	76.1577
dst_to_ori	62.0725	1509.19	68.6222	59.9416	52.8394	1192.98	48.5077	78.2943
dst_to_ori	65.0077	1509.19	72.1249	61.9112	55.0727	1199.37	53.1507	80.4984
dst_to_ori	66.0076	1507.78	74.9667	64.8999	56.0803	1205.77	55.9017	83.2586
dst_to_ori	67.0298	1507.78	78.6448	68.6003	58.3095	1212.19	59.0339	84.6936
dst_to_ori	69.1158	1508.32	80.9197	69.814	59.6825	1218.63	61.9839	85.235
dst_to_ori	70.1783	1508.21	83.4086	72.3464	61.0574	1223.66	65.1153	87.6641
dst_to_ori	71.3442	1508.32	85.8021	74.2765	61.0574	1227.97	67.897	88.6002
dst_to_ori	74.5453	1509.73	88.4816	77.0779	60.5392	1231.56	70.7107	91.0824
dst_to_ori	74.5453	1508.43	89.5879	78.5175	59.3633	1235.2	75.8024	92.0272
dst_to_ori	76.7919	1507.12	91.0659	82.9759	57.6888	1238.9	78.7718	93.9628
dst_to_ori	78.9177	1505.71	92.6607	83.8689	58.2495	1241.2	82.4924	95.3362
dst_to_ori	80.2309	1505.83	95.7131	86.4002	58.2495	1244.19	87.367	94.8314
dst_to_ori	83.5464	1505.83	97.0464	89.0505	57.4282	1248.68	91.1976	93.6216
dst_to_ori	84.7231	1506.47	98.8989	92.6499	56.6127	1252.45	93.086	92.1954
dst_to_ori	86.885	1505.71	102.157	92.1141	56.6127	1257.65	96.0469	91.444
dst_to_ori	89.0505	1504.2	104.547	95.0158	56.6127	1258.64	99	92.4175
dst_to_ori	91.2195	1504.09	106.626	95.8801	57.6888	1258.8	101.02	94.5939
dst_to_ori	92.1954	1503.98	107.224	99.363	58.8303	1258.8	104.077	96.0469
dst_to_ori	95.3415	1506.04	109.417	100.648	58.6686	1261.46	106.118	97.0155
dst_to_ori	96.5401	1506.8	109.768	104.652	59.5399	1263.46	109.225	97.7446
dst_to_ori	98.4886	1506.04	110.86	108.259	60.9016	1266.95	113.358	97.9847
dst_to_ori	100.896	1506.04	112.058	112.805	60.9016	1272.45	117.516	97.9847
dst_to_ori	101.868	1503.44	113.358	117.388	61.7738	1277.28	120.702	98.4886
dst_to_ori	104.293	1503.44	113.772	122.385	61.7738	1282.05	123.911	100.02
dst_to_ori	104.547	1503.44	114.272	126.463	61.2944	1287.44	125.16	103.407
dst_to_ori	106.738	1502.68	113.991	130.545	61.2944	1290.77	125.16	106.066
dst_to_ori	109.202	1501.81	114.63	134.629	61.7738	1294.75	125.3	107.787
dst_to_ori	110.44	1500.95	114.355	140.218	62.2656	1298.12	124.459	111.544
dst_to_ori	110.164	1500.3	114.215	143.962	62.2656	1299.42	122.332	114.28
dst_to_ori	110.603	1500.2	114.11	147.719	63.1348	1302.8	121.926	116.155
dst_to_ori	111.571	1501.61	114.11	151.789	62.2656	1305.49	121.807	115.07
dst_to_ori	111.324	1503.02	113.018	152.427	62.2656	1308.22	121.696	114.07
dst_to_ori	112.294	1503.12	112.004	152.122	63.1348	1308.87	122.589	114.039
dst_to_ori	113.508	1504.53	112.04	151.789	63.1348	1309.56	123.491	114
dst_to_ori	114.983	1505.29	111.113	153.379	63.1348	1310.28	123.491	114.11
dst_to_ori	116.914	1505.29	112.112	154.952	63.1348	1312.47	122.589	114.438
dst_to_ori	119.641	1507.35	112.161	159.063	63.1348	1316.11	121.594	113.864
dst_to_ori	120.88	1508	112.161	164.125	62.2656	1319.04	120.599	114.425
dst_to_ori	122.123	1507.15	111.162	168.238	63.1348	1322.73	121.594	114.14
dst_to_ori	122.801	1508.66	111.113	172.351	63.1348	1326.4	121.594	114.004
dst_to_ori	124.04	1511.48	111.113	176.465	63.1348	1330.77	121.696	114.477
dst_to_ori	124.724	1512.13	111.113	181.532	63.1348	1337.3	121.696	112.294
dst_to_ori	124.724	1512.79	111.113	187.259	64.4981	1343.05	121.696	111.324
dst_to_ori	125.96	1513.44	111.113	191.086	66.3702	1347.4	120.702	110.354
dst_to_ori	128.736	1512.79	111.113	195.88	66.3702	1353.11	120.702	112.089
dst_to_ori	131.244	1514.2	111.113	201.375	66.3702	1359.62	120.702	112.641
dst_to_ori	133.765	1514.2	111.113	204.267	67.7422	1362.51	119.604	112.641

dst_to_ori	136.297	1514.2	111.113	208.586	67.7422	1368.9	119.604	114.983
dst_to_ori	136.624	1514.2	111.113	211.981	68.9638	1373.81	120.599	117.881
dst_to_ori	137.244	1513.44	111.113	214.441	68.9638	1377.99	121.499	119.105
dst_to_ori	137.877	1514.2	111.113	218.477	68.9638	1381.37	121.499	121.297
dst_to_ori	136.927	1513.44	111.113	219.258	68.9638	1384.72	123.406	124.04
dst_to_ori	135.03	1513.44	111.113	219.456	68.4763	1388.04	123.406	124.04
dst_to_ori	134.082	1513.44	111.113	222.2	68.0955	1390.66	123.406	122.413
dst_to_ori	133.462	1513.44	111.072	225.754	66.888	1394.07	123.406	122.711
dst_to_ori	132.518	1513.44	111.041	231.482	67.4166	1395.39	123.329	120.208
dst_to_ori	132.853	1513.44	111.018	236.409	68.2642	1399.54	123.406	117.644
dst_to_ori	132.853	1513.44	112.004	242.161	67.9559	1404.4	123.329	116.056
dst_to_ori	132.853	1513.44	112	249.072	65.7343	1409.3	123.406	114.826
dst_to_ori	132.518	1513.44	112.004	252.872	65.7343	1414.93	123.406	114.018
dst_to_ori	132.518	1513.44	113.04	257.529	64.8999	1419.87	123.406	113.719
dst_to_ori	132.518	1513.44	114.11	261.354	66.5733	1424.83	123.406	112.259
dst_to_ori	132.518	1513.44	113.111	264.07	65.5134	1429.11	123.406	110.476
dst_to_ori	131.867	1513.44	113.111	268.68	63.6318	1432.72	123.406	109.659
dst_to_ori	130.92	1513.44	113.159	271.249	63.1348	1436.35	123.406	109.128
dst_to_ori	130.92	1512.69	112.112	272.971	62.1772	1440.7	123.406	106.888
dst_to_ori	129.973	1512.69	114.07	273.732	63.0635	1444.38	123.406	105.991
dst_to_ori	130.92	1512.69	115.07	275.409	64.4127	1447.45	124.326	107.787
dst_to_ori	132.518	1511.93	116.069	276.261	64.4127	1450.46	125.256	110.018
dst_to_ori	130.92	1512.69	116.069	276.065	64.4127	1452.03	124.145	110.059
dst_to_ori	130.292	1513.34	116.017	277.007	65.2993	1454.47	124.036	110.145
dst_to_ori	129.692	1513.34	116.004	277.016	66.1891	1456.94	123	109.772
dst_to_ori	130.361	1513.34	115.004	277.146	66.6483	1458.72	121.037	108.757
dst_to_ori	130.361	1512.59	117.017	277.305	67.5352	1459.77	120.104	108.167
dst_to_ori	132.28	1513.34	117.068	277.651	67.5352	1460.2	118.271	106.832
dst_to_ori	132.28	1513.34	116.069	277.651	68.884	1461.32	116.43	107.005
dst_to_ori	131.32	1513.34	115.109	278.519	68.884	1461.91	113.635	105.262
dst_to_ori	131.042	1513.34	115.109	280.35	68.884	1462.44	109.895	105.119
dst_to_ori	131.32	1513.34	115.156	281.301	68.884	1463.53	107.517	106.405
dst_to_ori	131.32	1513.34	115.213	284.213	68.884	1463.24	103.576	109.986
dst_to_ori	128.16	1511.93	115.213	290.11	68.884	1463.48	98.27	105.759
dst_to_ori	127.201	1512.59	114.158	291.043	68.884	1464.89	96.0469	101.533
dst_to_ori	125.284	1512.59	114.158	294	69.7711	1467.99	91.4822	102.069
dst_to_ori	124.326	1514	113.111	295.042	69.7711	1470.7	86.7295	101.912
dst_to_ori	123.968	1512.59	114.215	297.136	69.7711	1472.75	85	102.552
dst_to_ori	124.278	1513.34	114.215	298.329	69.7711	1477.52	84.534	101.823
dst_to_ori	125.228		114.215	299.603	69.7711		81.5414	101.178
dst_to_ori	125.865		113.159	300.958	69.7711		76.6094	100.568
dst_to_ori	126.194		113.159	302.394	69.7711		73.6003	99.3579
dst_to_ori	126.874		114.215	303.908	69.3181		73.0068	99.2018
dst_to_ori	127.224		113.159	305.5	69.7711		71.218	98.6002
dst_to_ori	127.581		113.159	307.168	69.3181		64.0312	97.6524
dst_to_ori	127.581		114.215	307.924	69.7711		58.1378	99.0202
dst_to_ori	127.224	1513.65	113.159	309.571	69.3181	1518.57	54.4885	98.27
dst_to_ori	126.289	1512.69	113.217	311.448	69.7711	1522.57	50.9313	98.1122
dst_to_ori	127.224	1511.93	113.159	314.579	69.3181	1526.58	54.4518	98.0051
dst_to_ori	127.224	1513.34	114.215	317.37	69.3181	1530.53	55.8659	95.0158

dst_to_ori	127.224	1513.34	114.215	320.2	69.3181	1534.57	55.9017	92.9624
dst_to_ori	126.874	1513.34	115.278	322.602	69.7711	1540.66	54.4059	89.6939
dst_to_ori	127.224	1511.93	115.352	326.455	69.3181	1544.73	54.3783	87.818
dst_to_ori	127.224	1512.59	116.43	330.092	69.3181	1550.91	53.6656	88.6848
dst_to_ori	126.874	1512.59	116.52	332.525	69.7711	1556.42	52.5547	93.0591
dst_to_ori	126.874	1511.93	117.72	337.409	69.3181	1561.91	53.4509	93.0215
dst_to_ori	126.874	1511.18	117.72	339.86	69.3181	1565.28	53.1507	93.9415
dst_to_ori	126.531	1510.43	117.835	339.86	69.3181	1566.62	49.0306	91.0659
dst_to_ori	126.531	1510.43	117.835	340.825	69.3181	1569.31	49.8197	90.4268
dst_to_ori	126.531	1510.43	117.835	340.309	69.3181	1572.03	52.2398	89.8721
dst_to_ori	126.531	1510.43	118.828	340.054	70.6612	1573.36	53.0094	90.2109
dst_to_ori	127.472	1510.43	118.714	338.12	72.0069	1573.33	54.231	89.8109
dst_to_ori	127.472	1510.43	119.821	337.668	73.3553	1574.73	55.3263	88.7299
dst_to_ori	128.413	1509.97	119.708	339.426	74.2428	1575.45	56.0803	88.459
dst_to_ori	128.413	1510.07	119.604	336.268	74.2428	1576.9	52	88.3912
dst_to_ori	128.413	1509.41	119.507	336.268	73.7902	1578.35	49.0102	88.4138
dst_to_ori	128.413	1510.17	119.419	334.512	73.7902	1579.82	45.0444	90.5097
dst_to_ori	128.413	1510.17	120.266	332.277	73.3485	1581.25	40.3113	93.3488
dst_to_ori	128.413	1510.83	120.204	331.549	73.7902	1581.93	37.855	95.462
dst_to_ori	128.413	1510.17	121.066	331.313	73.7902	1581.93	33.5261	99.7246
dst_to_ori	128.413	1509.97	122.016	332.285	73.8241	1578.39	31.7805	104.005
dst_to_ori	128.413	1509.41	122.004	326.956	72.9452	1575.58	30.5287	108.977
dst_to_ori	128.413	1508.66	122.016	322.332	74.3034	1577.01	29.8329	113.952
dst_to_ori	128.413	1508.11	123.102	322.572	73.8241	1576.27	31.1448	117.516
dst_to_ori	128.413	1508.56	123.199	319.42	73.4302	1576.2	32.45	118.87
dst_to_ori	128.413	1507.9	123.26	318.693	73.9256	1578.3	34.8855	118.929
dst_to_ori	128.082	1507.25	123.406	318.22	72.5603	1579	38.8973	121.828
dst_to_ori	128.413	1507.25	123.584	316.285	71.5891	1579.69	40.5216	121.828
dst_to_ori	128.413	1507.9	123.685	310.743	70.2353	1579.68	44.7214	121.264
dst_to_ori	128.413	1507.25	123.911	308.112	70.2353	1575.44	47.3814	122.147
dst_to_ori	128.413	1507.25	122.919	303.295	69.7711	1572.62	53.0848	124.631
dst_to_ori	128.413	1507.25	123.045	299.446	68.4251	1572.63	57.0088	127.201
dst_to_ori	128.413	1507.25	122.188	295.325	68.8767	1574.06	62.0081	127.801
dst_to_ori	128.413	1507.25	121.495	290.52	69.7782	1574.77	68.1175	127.004
dst_to_ori	128.413	1507.25	121.655	286.4	68.8767	1572.64	71.1758	124.201
dst_to_ori	128.413	1507.25	121.017	280.36	68.8767	1569.1	74.2428	126.657
dst_to_ori	128.413	1507.25	121.202	274.323	68.4471	1568.4	79.404	127.664
dst_to_ori	128.413	1507.25	120.416	271.448	69.3542	1566.3	83.6002	126.811
dst_to_ori	128.413	1507.25	119.854	265.707	69.7782	1563.5	86.8332	128.763
dst_to_ori	128.413	1507.25	119.641	263.139	69.7782	1560	90.934	130.115
dst_to_ori	128.082	1506.49	120.416	256.164	69.7782	1555.8	93.2148	132.246
dst_to_ori	128.413	1506.49	120.619	251.406	71.1126	1550.91	93.2148	134.469
dst_to_ori	128.413	1507.25	120.416	246.976	71.1126	1547.41	93.2148	137.535
dst_to_ori	128.413	1507.25	120.416	242.572	71.1126	1543.91	90.2552	139.313
dst_to_ori	128.752	1507.25	120.416	238.799	71.1126	1539.04	88.2836	139.463
dst_to_ori	128.082	1507.25	120.416	238.195	72.0139	1534.83	88.6454	140.72
dst_to_ori	128.082	1507.25	120.416	238.466	72.45	1528.55	87.3212	142.004
dst_to_ori	128.082	1507.25	120.416	238.137	73.3485	1525.07	87.0919	143.003
dst_to_ori	128.082	1506.49	120.416	236.542	73.3485	1520.23	85.0706	144.845
dst_to_ori	128.413	1507.25	120.416	230.846	75.1532	1513.97	82.28	140.428

dst_to_oriξ	128.752	1507.25	120.416	228.32	75.1532	1511.19	79.7057	136.605
area(0)	232	181	183.5	198.5	192.5	212	181	
area(1)	218	186.5	173	201	196	224	185	161
area(2)	225.5	197	183	204.5	189	213.5	179	166.5
area(3)	221.5	187	191.5	205	185	224.5	182.5	159
area(4)	217	183.5	198.5	210	184.5	212.5	188	164
area(5)	220.5	202.5	186	203	204.5	220.5	187.5	172.5
area(6)	217.5	183.5	177	205.5	209.5	216.5	188.5	165.5
area(7)	235.5	172	196	217.5	189	221	190	169
area(8)	219	182.5	179	210.5	189	227.5	204.5	156
area(9)	221.5	170	185.5	227	184	209.5	204.5	172
area(10)	214	188	203	226.5	181.5	194.5	201.5	172
area(11)	228	184.5	196	231	195	212.5	211.5	173
area(12)	216.5	199	194	213	178	200.5	212.5	160.5
area(13)	225.5	182.5	195.5	219.5	184	197	208.5	176.5
area(14)	216.5	180	182	216.5	187	210	208	175.5
area(15)	200	213	181	233	177.5	210	222	175.5
area(16)	233	189.5	200.5	242.5	184.5	205.5	215.5	168.5
area(17)	232.5	196	194	233	186.5	236	222	176
area(18)	223	177.5	196	209.5	183.5	223.5	213.5	171.5
area(19)	235.5	186	199	218	206	230.5	205	171.5
area(20)	222.5	182	187	213.5	179.5	227.5	205	177
area(21)	222	191	206	232	199	223	203.5	179.5
area(22)	214	192	184	218.5	182.5	230	192	170
area(23)	225.5	193	197	211.5	192	222.5	174	163.5
area(24)	218	197.5	190	211.5	183.5	212	199.5	173
area(25)	224.5	201.5	191.5	222	188.5	239	185	172.5
area(26)	221	194	190.5	219	189.5	215	205	156.5
area(27)	221	194	190.5	219	189.5	215	205	156.5
area(28)	221	192	203	215	186.5	220	189	165
area(29)	221	192	203	215	186.5	220	189	165
area(30)	232.5	192	191	222	200	240.5	204.5	168.5
area(31)	217.5	196	203.5	220	190.5	224	192	169
area(32)	210	185.5	187.5	219.5	190	208.5	178.5	168.5
area(33)	212.5	185	210.5	219.5	183	220	201.5	167.5
area(34)	220.5	187.5	192	212	179	241	180	179.5
area(35)	231	187.5	200.5	220	191	227	203	162
area(36)	216.5	203	188.5	226.5	190	230.5	188.5	169
area(37)	225	181.5	184	220	184.5	220.5	192	162.5
area(38)	213.5	187	192.5	219.5	174.5	235.5	193	156
area(39)	228.5	195.5	204	207.5	178.5	240	183	170.5
area(40)	224.5	220.5	184.5	224	204	225	193	155.5
area(41)	210	184.5	204	209	193	235.5	184	176.5
area(42)	231	186.5	185.5	204.5	183	232.5	189	178
area(43)	212.5	192.5	202.5	225	187	228	188	176
area(44)	229	196.5	191.5	207.5	190	221	187	176
area(45)	226	208.5	195.5	219.5	187	228	202	168
area(46)	224	196	186	220	186.5	229.5	196	156
area(47)	214	188.5	192	219.5	185.5	234	201.5	199.5
area(48)	223.5	191.5	192	223	192.5	235	199	178

area(49)	233	176.5	197	207	183.5	234.5	198.5	153
area(50)	220.5	192.5	192.5	216	179.5	220.5	199	163.5
area(51)	234.5	187.5	202	210	190	220.5	205.5	169
area(52)	218	188	196	201	180.5	226	197.5	168.5
area(53)	227.5	189.5	198	209	169.5	221	203	169
area(54)	219	199.5	197	201.5	176	233	198	179.5
area(55)	226.5	182	191	197	185	237.5	190.5	163
area(56)	240	191	173	204.5	192	235	209	165
area(57)	229	187.5	179	194.5	192.5	222	198.5	168.5
area(58)	231	182	173	200	175	222	205	160
area(59)	232.5	173	180	198.5	186.5	223	202.5	163.5
area(60)	230	170	180.5	214.5	182	231.5	188	161.5
area(61)	217	174.5	177	220.5	189.5	226.5	177	167.5
area(62)	209.5	189	184.5	205	190.5	211.5	173	161.5
area(63)	198.5	193	180	216.5	179.5	216	179.5	165.5
area(64)	214.5	192.5	183	216	185.5	236.5	197	172.5
area(65)	218	190.5	170	213.5	182	222	209.5	177
area(66)	210.5	205	185.5	207.5	186	229	190	173
area(67)	221	192	188.5	208.5	186.5	229	183	172.5
area(68)	225	207	194.5	205	194	225	169	188
area(69)	228	203	192	200.5	195	219.5	172	187
area(70)	228	190.5	196	210	182	219.5	169	191.5
area(71)	233.5	240	188.5	193	187	215.5	169	180.5
area(72)	227	226	188.5	207	182.5	222	165.5	179.5
area(73)	219.5	201	184.5	208.5	191	232.5	164	159.5
area(74)	208.5	209.5	184.5	210	184.5	232.5	164	168.5
area(75)	206	206	191.5	194.5	187	231	165.5	188.5
area(76)	207.5	202	188.5	208	183	235	169.5	194.5
area(77)	210.5	198	181	217	186.5	238.5	176	192
area(78)	220.5	191.5	182	205	179.5	225.5	175.5	178
area(79)	209.5	187.5	182	224.5	194	231.5	179	170
area(80)	223.5	202	178.5	212.5	187	246.5	176	173
area(81)	213	202	178	226	193.5	247.5	164.5	156.5
area(82)	210	206	178.5	221.5	191	244.5	176	160
area(83)	210	200.5	178.5	228.5	180.5	259	179	175.5
area(84)	185	191	178.5	235	176	235	171	162
area(85)	193	191	178.5	216.5	182	235.5	171	168.5
area(86)	214.5	194	178	228	198.5	249.5	178	159
area(87)	213.5	205	172	198	191.5	242	174.5	173
area(88)	225	195	182	220.5	198	226.5	174.5	178.5
area(89)	217.5	199	181.5	201	185	233	178	179.5
area(90)	210.5	195.5	184.5	187.5	184	242.5	165	183
area(91)	207	199.5	177.5	220.5	175	248.5	169	187.5
area(92)	199	198	181.5	198.5	172.5	255.5	178.5	176.5
area(93)	211	194.5	168.5	209.5	174.5	244.5	171.5	195.5
area(94)	193	186	177.5	215.5	180	241	179	195
area(95)	193.5	190.5	173.5	220.5	178.5	243	180	190
area(96)	186	201.5	174.5	224	173.5	244	172.5	163.5
area(97)	201.5	192.5	178.5	219.5	179.5	259	175.5	173
area(98)	211.5	182.5	181.5	237.5	182.5	253	175.5	174

area(99)	207.5	194	171	233	192.5	251	190	158.5
area(100)	224.5	186.5	174.5	234.5	192.5	243	200.5	184
area(101)	202.5	187	174	233	185.5	246	208.5	185.5
area(102)	213.5	187	176	223	200	246	209.5	193.5
area(103)	190	190.5	183	244	199.5	239.5	218	190.5
area(104)	198	188	178.5	235	195	243	218	180
area(105)	201	183	188.5	233	197.5	254	224	183
area(106)	206.5	186.5	184.5	237.5	190.5	234.5	199	191
area(107)	211.5	181.5	180	245.5	192	238	206.5	195
area(108)	197	184.5	173	231	188	228	213	190.5
area(109)	189	178.5	177	232.5	189.5	258	227	193
area(110)	186	189.5	186	236	178.5	249.5	221.5	183
area(111)	210.5	199	179	216	186.5	255	235	241.5
area(112)	215.5	186.5	185	220	187	256.5	202.5	165
area(113)	205.5	190.5	195.5	226.5	187	247	200.5	174
area(114)	209	188	184	231.5	187	234	250.5	188.5
area(115)	210	196	190.5	225	187	227	212.5	183
area(116)	211	190.5	188	228.5	195	242	221.5	187
area(117)	208.5	191	192	232	190.5	242	254.5	199
area(118)	206		192	218	198.5		209.5	186.5
area(119)	209.5		184.5	238	191		219.5	190
area(120)	201.5		189	234.5	194.5		222.5	190.5
area(121)	208		184.5	227.5	194.5		219	186
area(122)	211.5		185.5	232	194.5		219.5	173.5
area(123)	204.5		185.5	234	190.5		211	198
area(124)	212.5		189	222.5	198.5		202.5	186
area(125)	209.5	230	181.5	224	201.5	246.5	216.5	180.5
area(126)	213.5	197.5	185.5	222	198.5	265	212	178
area(127)	206	195	185.5	214	197.5	251	225.5	204.5
area(128)	209.5	199	178.5	214.5	197.5	260.5	224.5	175
area(129)	209	194.5	181.5	217.5	201.5	254.5	216	161
area(130)	199.5	203	180.5	217	198.5	245.5	224	167.5
area(131)	209	194.5	180.5	216.5	197	259.5	208	185.5
area(132)	203	190.5	176.5	205.5	205.5	250	221	174
area(133)	202.5	194.5	188	213	194.5	259.5	214	179
area(134)	199.5	222	185	203	197.5	236	217	189
area(135)	195.5	212.5	179	220	200	237.5	207	170.5
area(136)	191.5	197.5	172.5	229	201.5	251.5	263	162
area(137)	179.5	204	172.5	209	201.5	247.5	213	172
area(138)	192	197.5	175	240	209	251	197	163
area(139)	182	200	172	201.5	187	243.5	211	177
area(140)	199	196.5	186.5	204	202	239.5	212	169.5
area(141)	191.5	217	163.5	232.5	183	249.5	219	184.5
area(142)	200.5	200	166.5	226.5	197	252	221.5	183.5
area(143)	192.5	190	179	232.5	201.5	259	193	194.5
area(144)	192.5	194	185	221	191.5	249	189.5	185.5
area(145)	196.5	192.5	174	206	188.5	238.5	208.5	181
area(146)	186.5	207	188	194.5	197.5	266.5	216	182
area(147)	189.5	192	184	182.5	187.5	234.5	226.5	169.5
area(148)	192.5	211.5	191.5	202.5	190.5	252.5	215	176

area(149)	185.5	212	196	189.5	199	271	210	163.5
area(150)	196.5	196	173	191	189.5	260.5	204	164
area(151)	208.5	199.5	187.5	177.5	201	272.5	206	169.5
area(152)	196.5	226	181	174.5	197	259	217.5	172
area(153)	192.5	227	187.5	205	189	257	199	214
area(154)	204.5	204.5	189	229.5	186.5	231	205.5	200
area(155)	196.5	195	189.5	231	202.5	239.5	205.5	190
area(156)	196.5	206	196.5	239	180	242	212	170.5
area(157)	196.5	197.5	180.5	220	173.5	252	212	180
area(158)	192.5	197.5	183.5	210.5	167	236	211.5	182.5
area(159)	196.5	199	180.5	219	185.5	251	234.5	186
area(160)	192.5	209.5	190	218.5	172	234	202	184
area(161)	196	198	195.5	219	178	250	222	191.5
area(162)	200	212.5	199	189.5	191.5	265.5	199	176.5
area(163)	192.5	209	188	232	188	258	207.5	197.5
area(164)	196.5	198	184	191	190	231	182.5	164
area(165)	204	203.5	181	191.5	181.5	240	204.5	174.5
area(166)	200	205	194.5	220	185.5	235	188	176.5
area(167)	204	198.5	201.5	199.5	188	255.5	196.5	191
area(168)	200.5	195	205.5	231	191.5	254.5	195	182
area(169)	192.5	199	198.5	209	194.5	257	211	172
area(170)	200	187	194.5	208	195.5	239.5	204.5	180
area(171)	200	198.5	198.5	220.5	189	268.5	221.5	194.5
area(172)	197	191	198.5	214	189	260.5	208	179
area(173)	193.5	195	211.5	207.5	206	258	198.5	180
area(174)	197	195	204	212.5	203.5	282	204	188
area(175)	193	210	192	214.5	195.5	260.5	216.5	195
area(176)	197	195	196	216	199	263	232	187.5
area(177)	190	194.5	196	226.5	192.5	263.5	213.5	207
area(178)	207.5	199	196	213	206.5	252.5	210.5	156
area(179)	213.5	194.5	200	226	206	271.5	209.5	176.5
perimeter(	85.4558	71.3137	74.7279	77.5563	73.5563	83.799	63.3137	
perimeter(	79.799	67.8995	71.3137	80.9706	74.1421	83.799	63.3137	63.3137
perimeter(	80.3848	71.3137	75.3137	81.5563	71.3137	80.3848	59.3137	67.8995
perimeter(	80.3848	75.3137	74.7279	80.9706	71.3137	81.5563	59.8995	76.9706
perimeter(	82.6274	74.7279	75.8995	79.799	71.8995	81.5563	66.1421	74.1421
perimeter(	83.2132	77.5563	78.1421	76.9706	71.8995	83.2132	66.7279	71.8995
perimeter(	82.0416	74.7279	69.6569	80.3848	69.0711	83.2132	75.2132	70.7279
perimeter(	86.0416	74.1421	72.4853	80.3848	69.6569	82.6274	70.1421	72.9706
perimeter(	76.9706	69.5563	67.3137	77.5563	71.3137	86.0416	73.5563	66.1421
perimeter(	80.3848	70.1421	70.7279	86.6274	74.1421	82.0416	73.5563	75.799
perimeter(	78.1421	74.1421	75.3137	87.2132	70.7279	79.2132	80.3848	75.799
perimeter(	82.1421	73.5563	74.1421	84.9706	76.9706	83.2132	74.7279	74.6274
perimeter(	81.5563	76.9706	78.1421	79.3137	79.799	83.2132	73.5563	75.2132
perimeter(	78.7279	77.5563	76.3848	84.3848	75.799	80.9706	73.5563	75.2132
perimeter(	81.5563	74.1421	70.1421	81.5563	78.6274	76.4853	74.1421	76.3848
perimeter(	72.4853	71.3137	72.9706	80.9706	82.0416	76.4853	79.799	76.3848
perimeter(	77.6569	70.7279	73.5563	87.2132	75.2132	78.7279	76.3848	73.5563
perimeter(	79.8995	72.9706	79.799	82.6274	79.2132	82.1421	79.799	75.799
perimeter(	73.6569	70.7279	74.1421	80.3848	76.3848	84.3848	70.7279	76.3848

perimeter(	82.7279	76.1421	76.9706	79.799	79.799	87.2132	71.3137	76.3848
perimeter(	75.8995	76.1421	76.9706	90.0416	78.0416	84.3848	71.3137	71.3137
perimeter(	78.1421	80.9706	78.1421	82.1421	78.6274	84.9706	74.7279	74.7279
perimeter(	78.1421	81.799	74.1421	87.2132	79.2132	86.1421	74.1421	68.4853
perimeter(	80.3848	78.9706	80.9706	84.3848	75.799	85.5563	68.4853	74.7279
perimeter(	79.799	76.7279	79.799	86.0416	76.3848	82.1421	74.7279	71.3137
perimeter(	83.2132	76.7279	76.3848	89.4558	75.2132	83.3137	71.3137	71.8995
perimeter(	82.6274	76.1421	79.2132	86.6274	80.3848	84.9706	80.9706	71.8995
perimeter(	82.6274	76.1421	79.2132	86.6274	80.3848	84.9706	80.9706	71.8995
perimeter(	82.6274	74.1421	78.6274	84.9706	79.2132	83.799	71.3137	72.9706
perimeter(	82.6274	74.1421	78.6274	84.9706	79.2132	83.799	71.3137	72.9706
perimeter(	83.2132	74.1421	78.6274	87.799	75.799	91.2132	81.5563	73.5563
perimeter(	82.0416	74.1421	76.3848	82.1421	79.2132	83.799	74.1421	72.9706
perimeter(	79.799	70.7279	76.3848	82.7279	79.799	83.2132	77.5563	73.5563
perimeter(	83.2132	71.3137	77.5563	82.7279	76.9706	83.799	80.3848	76.3848
perimeter(	83.2132	76.3848	74.1421	82.1421	76.9706	90.6274	74.1421	76.3848
perimeter(	86.6274	76.3848	71.8995	82.1421	76.9706	84.9706	76.9706	75.799
perimeter(	83.2132	76.9706	71.8995	85.5563	78.1421	85.5563	73.5563	72.9706
perimeter(	90.6274	70.7279	74.1421	80.4853	81.5563	81.5563	72.4853	77.2132
perimeter(	80.3848	76.9706	71.8995	82.7279	77.5563	84.3848	69.6569	75.799
perimeter(	83.2132	74.7279	74.1421	73.0711	77.5563	82.1421	75.3137	79.2132
perimeter(	83.2132	71.8995	71.8995	80.4853	72.4853	79.3137	80.9706	76.3848
perimeter(	79.799	73.5563	74.1421	79.3137	80.9706	82.7279	74.1421	75.2132
perimeter(	86.6274	67.8995	70.7279	79.8995	75.3137	79.8995	80.9706	79.799
perimeter(	83.2132	72.3848	77.5563	79.3137	75.3137	82.1421	74.1421	74.1421
perimeter(	90.6274	73.5563	74.7279	82.7279	78.1421	79.3137	76.9706	74.1421
perimeter(	79.799	71.8995	74.7279	82.7279	76.9706	82.1421	79.799	74.1421
perimeter(	83.799	74.1421	68.4853	82.1421	77.5563	77.0711	75.799	74.1421
perimeter(	79.799	73.5563	74.1421	84.3848	80.3848	76.4853	82.0416	76.3848
perimeter(	84.3848	74.3848	74.1421	84.9706	71.8995	84.9706	78.6274	70.1421
perimeter(	90.6274	73.5563	82.6274	75.3137	66.7279	85.5563	79.2132	72.9706
perimeter(	83.2132	71.8995	73.5563	82.1421	66.7279	81.5563	76.9706	76.3848
perimeter(	87.2132	76.3848	79.799	76.4853	70.1421	81.5563	82.0416	71.3137
perimeter(	79.799	74.1421	74.1421	79.3137	73.5563	87.799	80.3848	73.5563
perimeter(	84.3848	70.7279	79.799	79.3137	70.7279	80.9706	76.9706	72.9706
perimeter(	86.6274	74.3848	72.9706	78.7279	74.1421	88.9706	78.1421	76.3848
perimeter(	79.2132	71.799	76.9706	79.3137	72.9706	86.7279	79.2132	76.9706
perimeter(	83.799	67.3137	71.3137	79.8995	74.1421	83.3137	82.6274	72.9706
perimeter(	82.6274	74.7279	76.9706	75.8995	73.5563	86.1421	79.2132	73.5563
perimeter(	86.6274	70.1421	71.3137	82.1421	76.9706	87.799	82.6274	75.799
perimeter(	83.2132	72.9706	74.1421	75.8995	77.5563	84.9706	77.5563	76.3848
perimeter(	87.799	71.799	71.8995	75.8995	78.1421	92.3848	74.1421	72.3848
perimeter(	80.9706	69.5563	71.3137	79.8995	80.3848	85.5563	63.3137	76.3848
perimeter(	80.3848	71.3137	71.8995	79.3137	77.5563	84.3848	63.3137	70.7279
perimeter(	77.5563	71.3137	74.1421	81.5563	76.3848	83.799	66.7279	70.7279
perimeter(	77.5563	73.5563	76.9706	83.799	80.3848	92.8701	71.3137	71.8995
perimeter(	79.799	79.2132	70.1421	78.7279	79.799	89.4558	78.7279	69.6569
perimeter(	79.2132	82.6274	70.7279	84.3848	79.799	90.6274	70.1421	69.6569
perimeter(	82.6274	75.799	71.8995	79.8995	79.2132	90.6274	68.9706	71.8995
perimeter(	82.6274	78.6274	75.8995	79.3137	79.799	88.9706	64.9706	72.4853

perimeter(	85.4558	78.6274	72.4853	81.5563	76.9706	82.7279	66.1421	75.3137
perimeter(	83.799	79.2132	72.4853	86.1421	79.799	82.7279	63.3137	74.7279
perimeter(	91.6985	83.799	71.8995	80.9706	78.6274	82.7279	63.3137	71.8995
perimeter(	94.6274	79.799	71.8995	84.9706	79.2132	86.1421	62.7279	76.3848
perimeter(	84.3848	72.9706	71.8995	79.8995	78.6274	79.8995	66.1421	74.7279
perimeter(	83.2132	80.3848	71.8995	76.4853	75.2132	79.8995	66.1421	73.5563
perimeter(	79.799	79.799	74.7279	75.8995	78.6274	84.9706	62.7279	73.5563
perimeter(	76.3848	79.799	71.8995	80.4853	78.6274	84.9706	62.7279	77.5563
perimeter(	79.2132	79.799	71.3137	79.3137	79.2132	85.5563	66.1421	74.1421
perimeter(	84.8701	76.3848	68.4853	79.3137	76.3848	88.3848	66.7279	70.1421
perimeter(	80.3848	76.3848	68.4853	81.5563	81.4558	84.3848	68.9706	70.1421
perimeter(	84.3848	79.799	67.8995	81.5563	78.6274	87.2132	66.1421	72.9706
perimeter(	80.9706	78.1421	68.4853	87.799	80.3848	84.3848	65.5563	75.2132
perimeter(	79.799	79.799	67.8995	82.0416	76.9706	79.8995	66.1421	75.799
perimeter(	79.799	83.2132	67.8995	83.2132	73.5563	83.3137	67.3137	76.3848
perimeter(	72.9706	76.9706	67.8995	86.6274	75.799	84.9706	68.9706	79.799
perimeter(	72.9706	76.9706	67.8995	81.5563	71.799	84.3848	68.9706	73.5563
perimeter(	77.5563	79.799	70.1421	82.1421	79.2132	88.3848	71.799	68.9706
perimeter(	80.3848	80.9706	66.1421	76.4853	76.3848	86.1421	69.5563	72.9706
perimeter(	80.9706	76.9706	70.1421	79.8995	79.799	85.5563	69.5563	79.2132
perimeter(	80.3848	76.9706	70.7279	79.3137	72.9706	88.9706	70.1421	76.3848
perimeter(	77.5563	76.3848	73.5563	73.0711	75.799	85.5563	63.3137	78.6274
perimeter(	76.9706	76.3848	70.7279	79.8995	76.9706	89.5563	63.3137	78.0416
perimeter(	76.9706	79.799	70.7279	75.8995	75.2132	92.3848	67.8995	75.2132
perimeter(	76.9706	79.2132	65.5563	78.7279	69.5563	89.5563	66.7279	76.3848
perimeter(	72.9706	79.799	62.7279	84.3848	75.799	88.9706	67.3137	78.6274
perimeter(	62.7279	79.2132	62.7279	83.2132	69.5563	84.9706	64.4853	79.799
perimeter(	62.1421	82.0416	69.5563	85.4558	62.7279	91.799	63.8995	76.3848
perimeter(	62.7279	83.2132	69.5563	86.0416	66.7279	94.6274	66.7279	71.3137
perimeter(	66.7279	79.2132	70.7279	88.3848	69.5563	88.9706	66.7279	68.4853
perimeter(	66.7279	79.799	67.3137	80.9706	73.5563	84.9706	70.1421	69.5563
perimeter(	73.5563	79.2132	69.5563	85.5563	73.5563	84.9706	73.5563	74.1421
perimeter(	77.5563	78.6274	70.1421	79.3137	70.7279	87.799	71.8995	72.3848
perimeter(	72.3848	82.6274	74.1421	73.6569	74.1421	89.4558	69.0711	82.0416
perimeter(	70.1421	79.2132	75.3137	80.4853	74.7279	86.0416	78.1421	79.2132
perimeter(	70.1421	79.799	75.8995	73.6569	76.9706	86.6274	79.799	75.799
perimeter(	72.9706	80.6274	73.5563	79.3137	80.3848	89.4558	83.799	78.6274
perimeter(	77.5563	77.2132	73.5563	77.0711	77.5563	88.8701	78.6274	78.6274
perimeter(	74.7279	78.3848	72.4853	77.0711	74.1421	89.4558	79.2132	78.6274
perimeter(	72.9706	81.2132	71.3137	75.3137	74.1421	85.4558	82.6274	79.2132
perimeter(	72.9706	76.3848	69.6569	73.5563	80.3848	89.4558	76.9706	72.9706
perimeter(	70.1421	80.3848	70.1421	83.799	77.5563	90.0416	80.3848	68.9706
perimeter(	79.2132	80.9706	67.3137	82.1421	77.5563	86.6274	76.9706	82.0416
perimeter(	76.3848	80.0416	71.3137	83.799	76.9706	92.8701	79.2132	72.9706
perimeter(	72.3848	77.5563	74.7279	87.2132	76.9706	86.6274	84.8701	79.799
perimeter(	72.9706	74.1421	74.1421	84.3848	76.9706	78.1421	85.5563	73.5563
perimeter(	70.1421	74.1421	77.5563	80.9706	76.9706	84.9706	83.2132	76.9706
perimeter(	76.9706	76.3848	74.1421	81.5563	76.9706	87.799	82.0416	76.9706
perimeter(	83.2132	76.9706	74.1421	82.1421	77.5563	87.799	87.2132	76.9706
perimeter(	78.1421		74.1421	78.1421	77.5563		80.3848	79.2132

perimeter(	78.7279		73.5563	76.4853	76.9706		74.7279	79.799
perimeter(	78.7279		72.9706	85.5563	77.5563		85.5563	79.2132
perimeter(	83.799		73.5563	84.3848	77.5563		84.9706	79.799
perimeter(	84.3848		72.3848	82.1421	77.5563		74.7279	72.3848
perimeter(	81.5563		72.3848	76.4853	77.5563		75.3137	78.1421
perimeter(	81.5563		72.9706	75.8995	77.5563		77.5563	79.799
perimeter(	78.7279	79.799	72.3848	82.1421	80.3848	83.8995	83.2132	73.5563
perimeter(	78.7279	80.3848	72.3848	76.4853	77.5563	87.3137	83.799	79.799
perimeter(	78.1421	76.9706	72.3848	78.1421	80.3848	83.3137	80.3848	73.5563
perimeter(	78.7279	75.3137	69.5563	77.5563	80.3848	89.5563	81.5563	76.9706
perimeter(	80.9706	77.5563	70.7279	80.3848	80.3848	83.8995	82.1421	72.9706
perimeter(	74.7279	76.9706	73.5563	82.6274	77.5563	86.7279	82.1421	76.3848
perimeter(	79.3137	79.2132	73.5563	83.2132	80.9706	90.7279	83.799	70.7279
perimeter(	75.3137	79.2132	73.5563	82.0416	80.3848	86.1421	80.9706	70.1421
perimeter(	77.5563	77.5563	74.1421	82.6274	77.5563	92.3848	87.799	76.9706
perimeter(	74.7279	85.4558	71.3137	78.6274	80.3848	80.4853	80.9706	71.3137
perimeter(	74.7279	83.2132	67.3137	85.4558	83.799	88.3848	84.9706	59.8995
perimeter(	74.7279	82.0416	63.8995	82.6274	80.3848	92.3848	84.9706	62.1421
perimeter(	74.7279	85.4558	63.8995	82.6274	80.3848	94.0416	80.9706	66.1421
perimeter(	74.1421	82.0416	67.3137	85.4558	80.9706	94.6274	80.9706	68.9706
perimeter(	68.4853	83.4558	64.4853	80.3848	76.9706	94.0416	84.9706	72.9706
perimeter(	76.9706	82.8701	67.8995	75.799	79.799	94.0416	82.1421	72.3848
perimeter(	76.3848	80.6274	66.7279	83.2132	76.9706	90.0416	84.9706	75.2132
perimeter(	73.5563	75.799	67.8995	85.5563	80.9706	93.4558	80.3848	76.3848
perimeter(	73.5563	70.1421	67.3137	81.5563	80.3848	96.2843	63.3137	79.2132
perimeter(	73.5563	70.1421	71.3137	80.9706	76.3848	90.6274	62.7279	70.7279
perimeter(	73.5563	73.5563	70.1421	79.799	83.2132	85.5563	73.5563	72.9706
perimeter(	67.8995	76.9706	74.1421	69.5563	80.3848	95.2132	74.1421	70.1421
perimeter(	70.7279	74.1421	74.1421	69.5563	76.3848	85.5563	77.5563	70.7279
perimeter(	73.5563	76.3848	76.3848	67.8995	79.2132	91.2132	76.9706	75.799
perimeter(	70.7279	79.799	74.1421	72.3848	76.9706	84.9706	79.799	76.3848
perimeter(	73.5563	74.1421	71.3137	76.9706	80.3848	81.5563	75.799	75.799
perimeter(	73.5563	76.3848	74.7279	62.7279	82.6274	91.2132	79.799	72.3848
perimeter(	73.5563	79.799	71.3137	69.5563	82.6274	86.6274	80.3848	75.799
perimeter(	73.5563	76.9706	74.7279	72.9706	82.6274	90.6274	76.9706	81.4558
perimeter(	73.5563	83.2132	71.3137	78.7279	79.2132	68.9706	80.3848	75.799
perimeter(	73.5563	76.9706	78.7279	84.9706	79.2132	66.7279	80.3848	79.799
perimeter(	73.5563	78.1421	71.8995	84.9706	75.799	78.1421	83.799	79.2132
perimeter(	73.5563	80.3848	71.8995	83.799	72.3848	83.799	83.799	74.1421
perimeter(	73.5563	80.3848	73.0711	85.5563	68.9706	83.799	94.0416	77.5563
perimeter(	73.5563	76.9706	71.8995	83.3137	72.3848	76.9706	87.2132	79.799
perimeter(	73.5563	80.3848	68.4853	75.8995	66.1421	79.799	87.799	74.1421
perimeter(	74.1421	79.799	74.7279	83.3137	70.1421	87.799	87.799	74.7279
perimeter(	74.1421	81.5563	76.9706	78.7279	76.3848	88.3848	76.9706	73.5563
perimeter(	73.5563	80.9706	74.1421	80.4853	74.1421	87.799	84.3848	70.7279
perimeter(	73.5563	79.799	74.1421	73.6569	70.1421	68.9706	77.5563	66.1421
perimeter(	74.1421	84.3848	71.3137	73.0711	72.3848	74.1421	81.5563	69.5563
perimeter(	74.1421	80.9706	77.5563	80.4853	82.0416	76.9706	74.1421	73.5563
perimeter(	74.1421	77.5563	80.3848	73.0711	74.1421	82.7279	83.2132	75.3137
perimeter(	73.5563	76.9706	80.3848	83.3137	74.7279	85.5563	76.9706	78.1421

perimeter(	73.5563	76.9706	77.5563	79.3137	77.5563	88.9706	86.6274	74.1421
perimeter(	74.1421	76.9706	77.5563	80.4853	74.7279	82.7279	83.2132	74.1421
perimeter(	74.1421	77.5563	77.5563	79.8995	80.9706	89.5563	80.3848	79.2132
perimeter(	71.3137	76.9706	77.5563	86.1421	80.9706	89.5563	75.799	76.9706
perimeter(	70.7279	76.9706	74.7279	82.7279	78.1421	86.1421	69.5563	74.1421
perimeter(	71.3137	76.9706	74.1421	79.8995	74.7279	105.456	74.1421	74.1421
perimeter(	71.3137	78.1421	74.1421	75.8995	74.7279	89.5563	83.2132	76.9706
perimeter(	71.3137	76.9706	74.1421	82.1421	75.3137	92.9706	83.799	76.3848
perimeter(	68.4853	77.5563	74.1421	85.5563	71.8995	92.3848	80.3848	76.9706
perimeter(	74.7279	76.9706	74.1421	80.9706	77.5563	89.5563	87.2132	75.799
perimeter(	78.7279	77.5563	74.1421	87.799	78.1421	90.7279	80.3848	73.5563
spine_lengt	33.4251	28.791	28.9694	30.7594	26.7635	32.5935	24.0543	
spine_lengt	31.1545	26.4898	29.2395	33.051	29.2248	32.2925	23.6592	24.1653
spine_lengt	32.831	28.0149	31.4855	34.2621	27.9467	32.4863	19.7584	28.7192
spine_lengt	31.0429	31.048	30.301	32.1186	28.7771	32.8254	18.7168	30.043
spine_lengt	31.8439	29.968	31.0896	30.8135	30.7872	31.9761	21.1831	27.9454
spine_lengt	32.0061	31.184	30.324	30.2181	27.4275	33.0888	25.0387	29.0478
spine_lengt	30.6325	29.0732	31.2701	32.0682	28.1156	32.9585	25.7595	29.2204
spine_lengt	32.6831	29.3166	30.7914	32.1738	28.604	31.5468	27.1291	26.4921
spine_lengt	30.5575	24.9024	26.5117	29.3848	29.3519	33.7826	28.1367	27.0314
spine_lengt	31.0424	27.5704	27.7816	33.1775	28.7922	32.3394	27.86	30.0146
spine_lengt	32.3638	29.2089	30.8835	33.9068	28.212	32.8151	28.5533	30.0318
spine_lengt	32.8841	28.9023	30.1748	34.3559	31.1947	34.3967	29.5423	28.412
spine_lengt	33.084	30.6335	30.0611	33.3087	32.2066	32.058	28.3242	28.2436
spine_lengt	31.4054	30.0516	28.2936	32.7209	29.8228	33.5915	27.3834	30.5961
spine_lengt	32.2547	29.0567	26.0683	32.1896	30.0648	31.5621	29.5676	29.8616
spine_lengt	30.5001	26.0104	27.8501	30.7573	32.9233	31.7808	31.5333	30.6196
spine_lengt	32.6826	28.2629	28.8627	33.2611	29.2896	33.4214	30.522	30.1013
spine_lengt	33.0213	28.8955	31.095	30.9331	32.7616	34.2474	29.7741	29.6081
spine_lengt	30.325	28.8478	29.5541	31.8591	31.0041	34.4473	26.3226	30.4179
spine_lengt	32.0154	31.3542	29.9998	31.0322	29.4388	35.4522	27.6463	29.0716
spine_lengt	30.7675	31.3901	29.2695	32.7136	30.3706	33.7443	27.9326	28.0502
spine_lengt	31.9714	30.2281	31.539	33.0657	29.0153	34.8026	30.1436	30.7068
spine_lengt	31.673	30.4831	30.5691	33.3176	32.1875	36.022	28.328	28.9814
spine_lengt	32.2329	30.5677	32.4467	33.1503	28.4706	35.2783	28.2083	30.4442
spine_lengt	30.164	30.4115	30.4412	32.9643	30.9905	33.1312	30.029	29.1073
spine_lengt	32.6278	30.3435	30.8949	35.7382	30.4785	33.246	29.0321	30.4963
spine_lengt	31.6976	30.3136	31.3316	35.1342	31.2585	33.0066	30.758	30.0554
spine_lengt	31.6976	30.3136	31.3316	35.1342	31.2585	33.0066	30.758	30.0554
spine_lengt	32.4669	29.7131	31.1319	34.1175	31.6882	33.6911	28.4462	28.3981
spine_lengt	32.4669	29.7131	31.1319	34.1175	31.6882	33.6911	28.4462	28.3981
spine_lengt	32.6774	29.7131	30.18	34.3944	28.9744	36.8097	33.6121	29.5474
spine_lengt	31.4259	30.0182	29.6107	34.0418	31.1234	33.5172	28.8325	28.5872
spine_lengt	30.9321	27.6266	29.4127	33.9641	30.9719	32.2912	32.7673	29.6776
spine_lengt	31.0796	28.6837	31.0967	33.8236	30.2338	34.2049	32.3696	31.1511
spine_lengt	32.6308	27.7904	29.1729	32.6491	31.653	35.7036	29.6592	29.7598
spine_lengt	33.5076	29.2639	29.5493	33.2456	30.927	34.2555	29.8135	28.9386
spine_lengt	32.0332	29.4753	29.0897	34.4146	31.8597	35.2386	28.5877	29.4147
spine_lengt	33.5079	28.1	29.2179	32.3721	31.2079	32.174	29.116	29.3965
spine_lengt	32.5253	30.493	29.161	34.1184	31.3634	33.8749	28.6051	30.2618

spine_length	33.7487	30.4822	28.6853	30.5803	32.2789	33.097	30.8047	29.3531
spine_length	33.5656	28.4041	29.1992	34.7999	29.2248	32.877	32.5061	30.6384
spine_length	31.4343	28.0239	29.4759	33.2923	30.5774	34.9671	29.3834	29.2136
spine_length	33.7334	27.8192	28.7515	33.279	31.5523	33.2219	31.4736	29.7995
spine_length	31.0842	27.3007	30.4069	33.7282	32.4141	33.0204	29.6152	29.9853
spine_length	31.2554	27.7843	28.0527	34.841	31.2987	32.9747	31.0929	30.2849
spine_length	31.8592	28.0971	29.6746	33.8558	29.0855	32.7396	29.5291	29.253
spine_length	33.6811	27.6896	27.2474	33.4984	29.2598	32.1672	30.213	28.9007
spine_length	31.939	27.9622	30.5522	33.547	29.6901	32.3784	32.8384	26.9085
spine_length	34.1894	27.6657	28.6698	34.5697	26.9229	34.3738	30.1585	27.4468
spine_length	34.643	26.8068	30.9696	30.8009	25.6495	34.9343	30.2422	28.7103
spine_length	32.3778	28.7808	29.5321	33.3896	26.8819	31.573	31.1951	28.9549
spine_length	34.2207	29.6645	29.5848	32.3973	28.9118	33.4385	30.9686	26.9527
spine_length	30.8491	30.2031	27.4976	32.3554	28.5532	32.9695	31.7152	27.885
spine_length	32.541	27.9049	30.8373	32.7645	28.8468	32.8028	31.8746	28.5172
spine_length	31.1276	26.0129	27.8466	31.8003	30.6176	35.8791	32.2704	30.4105
spine_length	30.1815	27.1189	30.2209	33.0648	28.3817	34.8271	29.6305	29.9531
spine_length	32.6577	26.0873	29.0819	34.1081	30.8292	33.8379	31.1868	29.0089
spine_length	30.539	29.5757	30.5675	31.0853	29.482	35.0861	29.2843	29.2913
spine_length	34.9225	28.5287	27.7973	34.8188	30.3279	34.4209	32.4264	29.3545
spine_length	33.1017	27.1089	30.065	31.2139	32.1205	33.9297	28.8882	30.2668
spine_length	30.9702	26.0527	28.9507	31.0114	31.6298	37.2497	27.4928	28.9238
spine_length	31.0417	28.5646	28.1521	33.6775	32.0643	34.1139	23.9098	28.3893
spine_length	30.4861	28.9089	29.5437	33.4118	31.2242	34.8757	24.393	28.2528
spine_length	31.1451	27.538	30.1978	31.5563	30.6878	33.7361	25.8074	29.0638
spine_length	30.8865	29.1113	30.4372	32.4751	31.4323	37.383	28.1506	30.447
spine_length	29.2328	28.7758	27.6755	30.3963	31.5345	37.2857	32.9048	30.0924
spine_length	29.1033	31.3482	27.8374	34.2164	30.7956	35.1437	27.9697	31.2526
spine_length	31.6357	29.8921	30.1114	33.1447	30.6753	36.7752	25.301	28.9746
spine_length	32.1455	29.8504	31.6414	33.3005	30.7533	35.845	22.4332	30.6812
spine_length	32.9432	31.7993	29.6493	32.7979	31.0847	35.0345	24.5309	30.9278
spine_length	32.0872	30.4322	29.4295	36.0048	31.6498	34.5662	24.7013	30.2565
spine_length	31.6503	32.2274	29.4808	32.3602	30.7637	34.9657	24.7013	30.2176
spine_length	34.4051	30.476	29.4808	35.3534	30.405	34.6426	23.7744	28.4629
spine_length	31.8147	29.0212	28.5365	33.1664	30.8673	33.1183	25.6222	30.0068
spine_length	32.0568	31.0573	28.5365	32.5544	29.1378	33.2139	25.6222	29.48
spine_length	30.8955	29.7031	30.0048	30.6901	29.5908	35.2408	23.4431	28.8157
spine_length	30.7245	31.2566	28.4081	34.2954	31.6038	34.9	23.8546	32.5967
spine_length	30.4103	32.2535	29.3348	32.548	31.7065	33.8163	25.8508	30.6378
spine_length	31.7108	30.6273	27.3828	32.8717	31.1183	35.8789	24.9277	28.8815
spine_length	30.3105	30.6029	27.3828	33.551	31.4157	33.5278	24.4614	27.5831
spine_length	34.199	31.1933	27.3939	32.2529	30.8842	34.7123	25.2358	28.4729
spine_length	30.4134	29.6159	27.8662	33.9326	32.708	33.7583	24.3708	28.5537
spine_length	30.1987	30.7489	27.5324	32.1789	31.7961	34.0049	24.4347	29.2497
spine_length	30.4187	29.789	27.5324	31.9806	27.4012	33.5214	25.921	29.7742
spine_length	27.3479	30.4344	27.5324	33.6647	29.6539	34.9649	26.354	30.0045
spine_length	27.0116	30.4344	27.3939	33.4034	27.4078	33.0771	26.354	29.9088
spine_length	29.0267	30.5463	27.3972	32.9355	29.3754	35.8916	26.1739	25.7608
spine_length	30.3645	31.9352	25.9511	32.677	31.0058	35.0577	26.1867	27.6739
spine_length	32.0931	31.3763	27.0811	33.922	32.4773	33.8111	26.2324	29.9687

spine_length	29.5506	30.1459	28.0121	33.4199	28.7789	35.356	26.4879	29.8967
spine_length	30.1122	30.1682	28.7364	32.2624	28.2256	33.1395	23.763	31.3892
spine_length	30.0646	29.9649	28.3593	34.5167	28.036	36.1541	24.1319	29.6947
spine_length	29.4753	31.2828	27.7993	31.8673	28.9348	36.3211	26.5051	28.4329
spine_length	29.8227	29.7534	24.1946	32.1987	26.6773	36.5422	26.1126	30.5133
spine_length	26.1061	29.8781	23.6173	33.284	31.0052	34.3711	26.9713	30.6232
spine_length	19.6701	30.0927	23.4899	32.7783	25.4344	34.3395	24.7037	27.4311
spine_length	17.6023	31.6177	26.983	33.3485	22.9866	38.2229	24.546	27.6896
spine_length	19.1057	30.5223	27.413	32.3486	26.084	37.7848	25.9853	29.9966
spine_length	21.3272	30.2976	25.1936	34.2825	26.6982	34.9102	25.9853	16.6139
spine_length	22.048	30.1007	26.659	30.5571	28.9749	34.4607	26.8805	27.1191
spine_length	24.2317	30.9937	27.4529	35.8523	28.9373	34.2098	27.5516	30.4219
spine_length	30.8593	30.1531	26.4681	33.6203	29.0424	34.9417	28.6762	28.0816
spine_length	28.1673	30.0735	29.3644	30.2825	30.2231	34.6485	27.5961	32.3433
spine_length	25.5915	30.2408	30.9145	32.6486	30.9057	33.7692	31.354	30.7274
spine_length	24.865	30.5168	32.6415	30.091	31.3892	33.8041	30.1893	30.0991
spine_length	27.1479	29.7825	26.8832	32.3395	30.9699	34.5296	32.6462	30.6575
spine_length	27.7076	30.5322	26.7157	32.6642	31.7391	35.7178	30.0015	31.1173
spine_length	30.6889	30.2181	29.7835	32.3756	29.6749	35.9507	31.1831	29.4068
spine_length	26.2273	30.3457	29.972	29.1747	31.1861	32.8901	31.4238	30.5133
spine_length	26.7519	30.2889	30.3624	26.4711	32.2504	35.3108	30.7167	27.7165
spine_length	25.2602	30.1985	28.1392	32.7794	31.5745	34.8286	32.1409	26.1772
spine_length	30.1766	29.4142	26.1401	34.6985	32.4402	33.1066	29.2331	19.4527
spine_length	28.8027	27.5129	27.9436	31.0643	32.3541	37.2402	29.3958	27.7988
spine_length	27.035	29.1861	30.3486	33.6331	32.3541	34.1613	32.601	29.8491
spine_length	26.3797	29.3621	29.2732	34.151	31.177	29.2292	31.471	27.8057
spine_length	24.697	29.0642	30.5299	31.9131	31.177	30.9319	31.8098	30.0679
spine_length	28.6549	29.9713	29.8603	32.0939	32.3198	33.1459	32.2323	30.3803
spine_length	31.1995	30.3974	29.9787	32.5737	31.4985	34.8564	33.7674	30.8709
spine_length	31.3675		29.5884	30.8922	32.2676		32.6741	30.4272
spine_length	31.4449		30.1253	31.3163	31.2638		28.7313	31.6102
spine_length	31.7518		29.3426	33.824	32.2884		33.8937	29.9803
spine_length	32.2266		28.9887	31.2306	32.3985		34.3884	31.0968
spine_length	32.0979		28.0203	33.3856	32.506		30.0268	28.2114
spine_length	32.9519		28.0203	31.0215	32.8603		30.0035	31.5545
spine_length	33.736		28.1684	31.3821	32.6588		31.6202	32.1302
spine_length	31.4447	29.3761	27.9584	32.6762	31.6655	34.6659	32.865	28.4156
spine_length	32.2244	28.1318	27.229	31.128	32.6588	36.4377	32.3443	30.9628
spine_length	30.0696	31.0921	28.0203	31.3526	31.9971	35.1017	29.1132	28.1533
spine_length	30.2603	29.9414	25.7967	31.3299	32.8617	35.9212	32.653	29.9552
spine_length	31.6792	32.0278	28.2228	31.9776	31.6655	34.7705	34.394	29.1179
spine_length	30.3061	31.2904	29.1364	31.4559	32.6588	36.4857	33.3451	29.2744
spine_length	30.5756	31.5973	28.3221	32.903	32.7947	37.0165	33.4717	27.4694
spine_length	30.6261	28.6316	30.3636	29.8512	31.5069	34.531	32.9073	27.3282
spine_length	30.1706	30.8217	29.2205	32.8237	32.1958	36.5681	34.0061	29.9442
spine_length	30.3061	29.7225	28.6513	29.6674	32.8617	34.1826	33.8038	28.1063
spine_length	28.7777	31.6353	26.1744	33.7716	31.7415	34.5867	34.5416	21.143
spine_length	28.3822	30.7377	24.3105	33.0055	31.6655	37.9739	29.7671	23.2153
spine_length	28.59	30.5672	24.1865	33.1507	31.6655	37.8958	33.4071	26.0286
spine_length	29.6479	30.014	24.7606	30.0576	33.0585	37.1887	32.6437	27.2593

spine_length	28.0396	30.5901	26.2863	31.4087	30.7691	37.4233	35.1433	27.9017
spine_length	29.7937	31.3788	27.0867	26.2221	32.3666	33.4827	32.8785	27.644
spine_length	28.7235	30.2332	27.6425	30.8323	30.8007	36.5849	34.0931	29.8024
spine_length	28.7958	27.4092	29.5805	33.6367	32.9781	38.254	31.4326	30.3386
spine_length	28.7368	26.2587	27.1699	32.2442	32.1206	37.5576	22.3469	32.2399
spine_length	28.7368	28.2077	28.8483	32.3751	29.5491	36.6895	22.5769	27.484
spine_length	28.7495	27.9556	28.2768	31.6713	32.0686	35.3541	28.0603	29.1192
spine_length	26.5215	29.1916	29.7888	26.3441	29.253	37.9963	27.1605	28.0848
spine_length	27.9679	29.5309	30.4806	23.563	29.0019	32.871	30.6443	29.2179
spine_length	28.7163	30.0233	29.4363	25.318	31.3961	35.5978	31.3183	29.9746
spine_length	27.9599	29.5392	30.1492	25.493	29.6838	30.5199	32.4797	30.5677
spine_length	28.7495	29.8519	27.9607	29.3164	32.0589	32.5063	30.6072	29.718
spine_length	29.061	28.9831	30.3331	23.1176	32.9503	35.7899	31.824	28.8778
spine_length	28.6281	31.2918	29.1021	24.3966	33.326	34.1508	32.3133	29.4527
spine_length	28.8182	29.9251	31.5461	24.1944	32.9791	35.175	31.9029	30.0021
spine_length	28.829	30.4839	29.069	30.0993	30.9965	22.1251	33.0716	29.7843
spine_length	28.6766	28.7384	31.8278	33.3061	29.2339	20.5249	32.2686	31.3253
spine_length	28.9045	30.8813	28.7984	33.4789	28.8803	28.8428	33.6289	28.9451
spine_length	28.9045	30.6753	30.0358	31.59	28.5586	32.7629	33.6022	28.9769
spine_length	28.8182	30.384	30.4573	33.3163	26.8143	32.9803	34.5021	30.3333
spine_length	28.7096	29.8814	28.4444	34.7146	27.2701	29.4299	33.623	29.9448
spine_length	28.8182	31.445	28.68	32.0191	25.3341	30.8228	34.1188	29.1389
spine_length	28.7019	29.6044	30.5661	32.9838	28.035	33.7861	33.0039	28.4822
spine_length	28.6198	32.1736	30.862	32.3781	28.9113	34.3742	31.1261	26.0372
spine_length	28.8182	31.8119	29.481	34.2194	29.5711	32.1907	34.2258	23.9256
spine_length	28.7096	29.6044	30.6673	31.0525	28.3097	22.6138	32.5855	26.2007
spine_length	28.5117	31.5752	28.502	30.8686	26.2811	27.9424	34.0184	26.8508
spine_length	28.6198	31.8373	31.5423	34.1021	27.7474	29.9954	28.0079	27.8841
spine_length	28.7148	29.5438	30.5891	30.5433	28.2361	34.7014	30.8392	30.4118
spine_length	28.6592	30.0069	31.9978	36.1186	30.511	34.5881	30.6442	31.4648
spine_length	27.4462	29.7947	31.2354	34.1249	31.8526	34.6657	31.9425	29.3896
spine_length	27.5488	29.6612	31.4488	34.0986	29.8652	33.3434	32.2066	30.0157
spine_length	28.6198	30.2612	31.189	32.771	31.7465	36.5407	31.0666	29.4993
spine_length	28.4739	29.6204	31.3592	36.1095	30.7696	37.1504	27.8916	30.269
spine_length	27.4006	29.954	30.0083	33.2683	31.4329	35.5424	25.8645	29.7538
spine_length	28.8593	29.8793	29.6191	33.6821	30.98	39.4353	29.0692	29.8803
spine_length	27.7395	30.032	29.2399	30.3135	30.3093	35.9092	31.9403	31.0784
spine_length	28.8593	29.8793	28.6436	32.7812	31.1249	36.4176	32.3011	28.8907
spine_length	27.495	30.3668	29.7721	35.3381	30.9362	36.9323	31.759	27.4346
spine_length	29.4293	29.7296	28.6436	31.5336	30.5246	35.0723	35.1074	28.0246
spine_length	32.1651	30.2244	28.6024	34.8653	30.7811	36.9655	30.9127	29.0803
bending(0)	180	160.919	158.213	180	180	180	72.0798	
bending(1)	165.165	189.244	180	180	180	180	58.0003	116.515
bending(2)	170.257	192.528	159.636	180	180	169.481	180	126.394
bending(3)	169.858	193.795	159.795	162.247	180	180	180	144.341
bending(4)	180	180	160.443	149.246	180	180	74.9739	157.232
bending(5)	180	180	180	136.736	180	180	83.6206	164.058
bending(6)	180	180	180	130.832	180	180	129.296	180
bending(7)	180	193.536	180	136.15	180	180	219.715	180
bending(8)	180	136.951	94.7802	180	180	180	180	180

bending(9)	180	131.098	98.2132	180	180	189.451	189.367	180
bending(10)	148.845	118.437	108.634	164.732	180	180	197.915	180
bending(11)	138.59	141.239	115.283	150.429	180	180	238.145	180
bending(12)	148.075	138.59	132.804	143.13	180	180	153.234	180
bending(13)	160.443	148.351	127.618	159.636	180	180	180	174.195
bending(14)	153.628	155.659	180	169.156	180	180	180	174.195
bending(15)	166.205	139.6	133.26	180	180	180	180	180
bending(16)	172.567	160.315	144.752	180	180	180	155.32	180
bending(17)	172.819	180	180	180	180	147.317	180	190.475
bending(18)	180	180	180	180	180	148.318	211.444	180
bending(19)	136.736	180	180	169.937	180	180	248.676	197.475
bending(20)	136.549	180	180	157.156	161.805	199.667	236.944	180
bending(21)	142.734	180	180	156.444	149.49	180	145.136	180
bending(22)	151.045	180	180	180	166.997	189.56	169.156	180
bending(23)	159.636	180	180	180	180	180	143.871	180
bending(24)	147.796	180	180	180	180	180	151.619	190.417
bending(25)	154.218	180	180	180	157.38	180	160.919	180
bending(26)	180	180	199.75	180	164.058	211.003	162.525	185.621
bending(27)	180	180	199.75	180	164.058	211.003	162.525	185.621
bending(28)	180	180	197.839	180	180	205.842	180	180
bending(29)	180	180	197.839	180	180	205.842	180	180
bending(30)	180	180	180	180	180	209.625	180	180
bending(31)	172.048	180	190.142	174.924	180	187.402	194.014	206.766
bending(32)	153.808	180	195.359	180	180	180	180	180
bending(33)	151.375	180	191.201	180	180	180	180	185.594
bending(34)	180	195.499	180	180	172.048	180	197.475	180
bending(35)	180	180	180	180	180	180	224.22	180
bending(36)	180	200.922	180	180	180	180	233.563	180
bending(37)	180	206.177	180	180	180	180	197.146	180
bending(38)	180	180	194.835	169.391	147.21	180	180	212.751
bending(39)	217.03	180	202.62	180	162.247	191.716	170.612	207.266
bending(40)	214.56	180	201.787	180	220.368	192.839	180	180
bending(41)	209.926	141.988	208.381	190.222	204.341	195.642	180	180
bending(42)	220.467	142.342	180	180	205.968	180	180	128.682
bending(43)	214.703	135.585	180	180	193.795	180	180	135.047
bending(44)	200.364	145.831	180	180	191.255	180	180	147.443
bending(45)	191.255	158.213	180	180	214.169	180	180	164.687
bending(46)	190.519	180	180	180	198.195	180	180	180
bending(47)	180	180	180	180	215.248	221.41	180	204.812
bending(48)	211.003	232.695	180	180	180	199.75	180	239.49
bending(49)	204.522	127.853	180	191.201	235.059	180	180	224.115
bending(50)	197.185	111.657	180	180	249.748	88.5116	180	223.845
bending(51)	204.119	130.005	202.62	190.475	237.392	98.5712	180	225.816
bending(52)	197.475	144.752	207.979	190.519	236.796	126.742	180	217.795
bending(53)	202.62	123.896	210.51	194.898	223.845	139.083	180	216.287
bending(54)	200.364	151.273	180	180	233.576	145.44	180	206.563
bending(55)	180	236.944	180	180	225.676	149.626	133.883	180
bending(56)	180	219.715	180	180	252.542	162.353	153.808	180
bending(57)	180	180	180	180	242.099	166.018	180	180
bending(58)	168.997	92.866	192.528	180	220.926	165.165	180	180

bending(59)	180	96.0211	199.188	180	210.073	180	159.151	180
bending(60)	233.13	77.6622	194.835	180	210.073	180	250.529	180
bending(61)	223.264	81.1501	202.62	180	216.87	180	205.842	109.471
bending(62)	240	105.891	198.195	180	217.053	180	180	134.618
bending(63)	257.261	127.98	215.592	154.032	214.346	180	106.996	146.443
bending(64)	248.738	143.713	180	153.234	225.03	156.444	103.774	180
bending(65)	215.951	149.49	195.359	180	226.117	180	113.578	180
bending(66)	216.87	161.847	180	218.601	223.264	180	96.8371	180
bending(67)	206.59	180	171.723	198.272	217.838	180	74.038	180
bending(68)	180	180	163.402	200.364	214.495	180	148.212	180
bending(69)	205.842	166.069	168.284	194.898	206.835	180	65.7503	180
bending(70)	180	166.464	180	180	230.132	180	76.6576	180
bending(71)	198.429	170.257	180	180	217.838	180	76.6576	180
bending(72)	210.202	153.437	180	180	215.248	186.978	91.4693	137.754
bending(73)	219.715	180	180	180	206.563	190.519	85.0969	142.816
bending(74)	235.15	168.745	180	170.893	190.475	180	85.0969	160.132
bending(75)	210.51	166.539	180	180	180	180	85.0969	180
bending(76)	197.753	180	180	180	180	180	91.4693	180
bending(77)	180	180	180	180	180	180	98.8499	180
bending(78)	180	180	180	180	180	180	96.6258	277.86
bending(79)	180	172.048	180	180	180	194.898	116.065	269.659
bending(80)	180	180	180	180	190.063	211.441	118.394	229.995
bending(81)	199.081	166.539	180	180	180	203.416	90	224.415
bending(82)	222.299	180	180	180	194.25	212.943	90	194.835
bending(83)	233.601	162.854	180	160.25	225.066	209.473	94.4117	180
bending(84)	180	162.247	180	210.055	220.368	205.842	64.971	180
bending(85)	111.563	162.247	180	180	180	195.359	64.971	180
bending(86)	106.602	162.247	197.341	196.668	180	180	70.5288	97.0697
bending(87)	113.578	169.156	180	195.741	154.791	180	63.6122	114.966
bending(88)	115.679	159.636	220.851	187.181	180	180	69.7478	123.749
bending(89)	98.8499	165.787	211.003	185.076	169.525	180	69.7478	174.195
bending(90)	110.487	174.195	190.942	180	140.697	172.777	94.7802	180
bending(91)	100.24	174.195	180	180	136.074	180	94.7802	180
bending(92)	98.2132	159.636	180	180	180	180	79.8094	180
bending(93)	100.24	180	180	157.574	180	180	90	180
bending(94)	75.1428	174.195	75.5225	164.732	180	198.429	79.8094	180
bending(95)	103.739	180	75.5225	174.746	231.459	180	75.1428	119.4
bending(96)	90	160.812	84.7841	172.567	269.51	180	82.0164	128.447
bending(97)	87.134	147.21	79.5243	141.787	256.091	175.49	94.4117	145.136
bending(98)	86.5254	147.21	146.002	148.318	265.562	180	94.4117	213.557
bending(99)	86.5254	147.21	203.556	152.204	264.261	180	77.1102	96.8371
bending(10)	74.2861	159.636	243.612	150.233	248.332	180	222.161	238.891
bending(10)	162.525	164.641	225.676	180	238.145	180	215.097	199.463
bending(10)	169.525	160.812	199.081	180	218.942	180	194.545	206.59
bending(10)	290.827	149.246	193.795	180	213.224	180	221.203	210.754
bending(10)	289.304	160.812	190.844	180	207.796	180	198.094	180
bending(10)	272.645	146.443	199.256	180	180	180	180	180
bending(10)	268.139	160.812	233.405	180	180	180	180	180
bending(10)	265.928	141.685	210.51	180	180	180	180	180
bending(10)	292.62	141.685	188.213	180	180	180	180	174.195

bending(10	307.67	141.685	180	275.216	194.459	180	155.898	180
bending(11	289.471	139.827	180	237.608	199.75	180	149.927	248.098
bending(11	237.421	136.036	126.87	232.849	180	180	143.713	245.376
bending(11	228.75	114.624	125.685	214.864	192.839	189.875	180	121.164
bending(11	180	108.634	128.479	218.601	192.839	180	180	118.825
bending(11	75.851	116.497	134.141	198.195	180	77.0348	180	137.754
bending(11	86.4719	122.608	153.586	180	180	83.6206	233.968	169.156
bending(11	93.4125	160.812	128.479	195.359	192.839	109.838	180	160.812
bending(11	241.563	143.13	136.736	192.839	180	132.745	160.25	180
bending(11	217.658		136.658	180	180		156.231	180
bending(11	213.224		136.736	180	180		169.525	190.063
bending(12	191.255		146.443	180	180		204.724	180
bending(12	180		134.618	180	194.898		180	180
bending(12	180		144.261	180	180		209.332	180
bending(12	180		144.261	180	180		208.955	180
bending(12	180		144.261	180	180		185.594	180
bending(12	180	180	144.261	180	180	180	180	180
bending(12	180	138.872	142.453	180	180	168.635	180	180
bending(12	180	115.639	144.261	174.547	180	170.162	180	72.7243
bending(12	180	127.67	154.435	180	180	180	121.053	112.071
bending(12	180	161.161	140.697	180	180	180	158.961	155.604
bending(13	180	136.736	145.505	180	180	184.649	174.746	180
bending(13	180	106.602	148.212	180	180	186.576	180	162.771
bending(13	180	99.418	154.158	180	180	180	180	273.276
bending(13	180	115.191	171.498	180	180	180	155.853	219.303
bending(13	180	136.238	180	180	180	167.546	180	197.753
bending(13	180	147.796	180	180	180	151.928	166.544	71.0344
bending(13	189.244	139.827	180	180	180	163.848	129.282	87.0605
bending(13	180	147.249	141.685	180	180	170.695	148.533	98.949
bending(13	180	147.21	223.049	143.832	202.015	180	180	132.713
bending(13	180	142.299	180	153.808	198.094	164.03	180	171.15
bending(14	180	141.155	157.38	237.421	180	180	180	180
bending(14	180	167.472	111.324	222.833	180	180	180	173.889
bending(14	180	206.177	110.925	198.195	180	180	215.659	180
bending(14	194.141	211.953	132.732	221.41	180	180	180	180
bending(14	194.141	221.962	154.303	205.008	195.359	180	86.8153	101.212
bending(14	180	213.557	152.487	180	200.364	180	112.747	107.124
bending(14	209.873	200.922	174.195	180	200.922	180	117.818	138.872
bending(14	180	204.812	162.161	52.6388	190.594	216.87	213.723	180
bending(14	180	203.425	164.501	91.3223	180	209.064	204.68	180
bending(14	180	180	180	122.057	180	180	203.326	180
bending(15	180	180	180	156.444	180	117.797	180	180
bending(15	180	180	174.195	180	180	144.831	180	180
bending(15	194.141	180	180	319.6	180	152.204	187.662	180
bending(15	180	180	180	299.666	180	180	180	180
bending(15	180	185.621	180	285.466	180	268.898	180	180
bending(15	180	180	180	221.615	180	256.863	180	180
bending(15	180	180	180	199.75	180	269.653	180	254.173
bending(15	180	180	180	195.942	180	244.158	180	225.629
bending(15	180	180	180	207.032	207.66	205.968	180	219.715

bending(15)	180	180	190.942	186.978	233.13	112.024	180	207.513
bending(16)	180	180	180	180	240.5	81.3127	180	180
bending(16)	180	180	180	180	241.175	123.235	180	180
bending(16)	180	180	180	180	224.415	144.71	180	260.846
bending(16)	180	180	180	180	226.567	180	180	204.851
bending(16)	180	180	188.213	180	237.421	180	180	71.6582
bending(16)	180	180	205.697	180	246.868	105.827	180	98.7147
bending(16)	180	180	197.839	171.451	245.633	105.714	180	157.232
bending(16)	180	180	180	180	245.725	123.431	171.97	163.531
bending(16)	180	180	209.683	173.244	245.047	138.59	180	180
bending(16)	192.528	180	197.839	180	246.789	147.057	172.338	180
bending(17)	192.528	180	197.839	180	202.62	155.437	180	180
bending(17)	180	180	191.201	180	180	180	180	161.805
bending(17)	180	180	197.839	180	180	170.633	180	180
bending(17)	180	180	180	180	180	180	296.991	193.003
bending(17)	180	180	180	180	180	180	266.325	180
bending(17)	180	180	180	174.15	180	180	247.976	180
bending(17)	180	180	180	209.995	180	180	247.061	180
bending(17)	180	180	180	201.039	198.717	180	221.41	92.1708
bending(17)	180	180	180	180	180	180	180	98.949
bending(17)	180	180	180	180	180	180	194.25	141.058
head_x(0)	949	1159	803	828	1101	898	1089	
head_x(1)	946	1159	805	825	1098	892	1089	691
head_x(2)	944	1160	804	827	1097	886	1089	688
head_x(3)	944	1163	806	818	1095	880	1084	686
head_x(4)	942	1162	807	817	1092	875	1089	685
head_x(5)	941	1163	807	814	1091	868	1088	682
head_x(6)	939	1161	806	808	1088	864	1094	681
head_x(7)	937	1161	807	806	1086	862	1076	679
head_x(8)	936	1151	807	804	1084	856	1074	677
head_x(9)	932	1150	807	803	1083	855	1070	674
head_x(10)	930	1152	807	801	1080	852	1067	670
head_x(11)	927	1156	809	796	1079	848	1068	670
head_x(12)	926	1159	809	796	1076	850	1070	665
head_x(13)	922	1159	811	792	1076	850	1065	660
head_x(14)	920	1159	793	789	1076	850	1062	659
head_x(15)	918	1154	800	786	1076	848	1059	656
head_x(16)	914	1134	799	782	1075	845	1058	654
head_x(17)	913	1135	794	786	1072	836	1057	652
head_x(18)	912	1134	794	784	1072	832	1079	648
head_x(19)	913	1134	792	784	1071	830	1079	645
head_x(20)	911	1134	790	785	1067	836	1077	640
head_x(21)	908	1134	786	786	1067	834	1071	637
head_x(22)	906	1134	786	783	1064	834	1071	634
head_x(23)	906	1134	781	780	1067	832	1075	628
head_x(24)	905	1134	778	776	1063	828	1077	626
head_x(25)	901	1134	774	775	1062	828	1079	622
head_x(26)	899	1134	771	774	1060	840	1082	619
head_x(27)	899	1134	771	774	1060	840	1082	619
head_x(28)	893	1134	762	774	1059	851	1081	613

head_x(29)	893	1134	762	774	1059	851	1081	613
head_x(30)	891	1134	756	776	1059	857	1085	610
head_x(31)	892	1134	753	778	1058	863	1081	608
head_x(32)	892	1134	748	776	1059	868	1086	606
head_x(33)	894	1134	744	775	1059	875	1086	600
head_x(34)	887	1134	740	776	1057	883	1084	601
head_x(35)	885	1134	736	776	1056	889	1080	598
head_x(36)	883	1132	732	777	1055	897	1077	597
head_x(37)	881	1132	729	778	1053	902	1078	594
head_x(38)	878	1132	726	782	1052	907	1082	590
head_x(39)	874	1132	724	781	1053	911	1085	590
head_x(40)	874	1132	721	780	1065	917	1084	587
head_x(41)	873	1132	718	778	1068	923	1086	586
head_x(42)	869	1132	714	780	1065	927	1088	599
head_x(43)	868	1134	710	782	1062	933	1089	600
head_x(44)	865	1134	708	783	1065	939	1093	597
head_x(45)	865	1133	704	786	1069	945	1098	598
head_x(46)	862	1132	702	788	1069	951	1099	596
head_x(47)	861	1130	698	789	1069	952	1103	588
head_x(48)	857	1130	696	787	1064	957	1105	586
head_x(49)	855	1144	695	785	1068	957	1105	584
head_x(50)	854	1145	694	786	1068	948	1106	583
head_x(51)	850	1149	695	785	1068	950	1106	584
head_x(52)	850	1151	694	786	1066	951	1108	584
head_x(53)	848	1146	692	784	1065	952	1108	582
head_x(54)	848	1149	693	782	1063	950	1109	578
head_x(55)	849	1149	691	782	1065	948	1119	577
head_x(56)	851	1153	691	781	1063	948	1119	573
head_x(57)	849	1155	692	780	1063	946	1119	571
head_x(58)	847	1136	692	780	1065	941	1119	566
head_x(59)	845	1136	693	782	1066	938	1120	564
head_x(60)	842	1134	696	783	1066	938	1104	563
head_x(61)	840	1132	698	785	1065	937	1104	577
head_x(62)	839	1137	697	789	1065	932	1104	576
head_x(63)	840	1142	701	794	1064	927	1104	575
head_x(64)	840	1146	701	796	1065	918	1103	574
head_x(65)	839	1149	702	792	1063	914	1102	576
head_x(66)	838	1151	700	778	1064	914	1103	578
head_x(67)	834	1150	696	780	1064	913	1101	579
head_x(68)	834	1151	694	777	1064	910	1101	578
head_x(69)	832	1151	696	776	1065	909	1102	579
head_x(70)	832	1145	701	776	1064	908	1103	580
head_x(71)	828	1148	701	774	1064	910	1103	582
head_x(72)	826	1150	701	775	1064	911	1103	591
head_x(73)	828	1149	702	774	1065	915	1103	592
head_x(74)	828	1150	702	778	1066	918	1103	590
head_x(75)	828	1150	702	778	1065	922	1103	586
head_x(76)	826	1152	702	778	1065	924	1103	588
head_x(77)	826	1153	703	780	1065	923	1102	589
head_x(78)	824	1152	701	782	1065	928	1101	570

head_x(79)	826	1152	701	785	1063	935	1100	566
head_x(80)	823	1153	702	791	1062	943	1100	564
head_x(81)	820	1150	703	794	1062	949	1101	563
head_x(82)	818	1151	702	801	1062	953	1101	560
head_x(83)	818	1150	702	800	1060	959	1104	561
head_x(84)	826	1150	702	791	1061	965	1103	566
head_x(85)	840	1150	702	794	1060	970	1103	567
head_x(86)	843	1150	704	793	1060	979	1102	581
head_x(87)	843	1151	703	791	1065	983	1103	585
head_x(88)	843	1150	707	793	1065	991	1104	588
head_x(89)	843	1149	705	793	1064	999	1104	591
head_x(90)	843	1149	702	794	1066	1006	1104	594
head_x(91)	842	1149	702	796	1066	1015	1104	594
head_x(92)	842	1150	700	799	1065	1021	1103	599
head_x(93)	842	1149	698	805	1065	1029	1103	603
head_x(94)	843	1149	692	809	1062	1034	1103	605
head_x(95)	843	1148	692	813	1065	1042	1104	602
head_x(96)	844	1148	692	819	1065	1051	1104	606
head_x(97)	845	1148	694	823	1065	1059	1104	609
head_x(98)	847	1148	691	827	1065	1063	1104	603
head_x(99)	847	1148	694	833	1064	1071	1103	580
head_x(100)	843	1148	692	837	1064	1077	1088	598
head_x(101)	835	1148	691	843	1064	1080	1086	600
head_x(102)	831	1148	692	845	1064	1086	1082	602
head_x(103)	831	1149	692	851	1065	1092	1081	604
head_x(104)	829	1148	692	857	1065	1099	1078	609
head_x(105)	826	1146	690	861	1065	1101	1074	612
head_x(106)	823	1148	691	867	1065	1105	1073	615
head_x(107)	822	1147	692	867	1063	1113	1070	618
head_x(108)	827	1147	693	863	1063	1119	1068	620
head_x(109)	830	1147	694	847	1063	1124	1066	619
head_x(110)	828	1147	693	844	1062	1129	1062	606
head_x(111)	820	1146	692	836	1062	1130	1064	619
head_x(112)	824	1143	692	830	1063	1133	1063	623
head_x(113)	831	1142	692	824	1063	1133	1060	625
head_x(114)	847	1145	691	818	1062	1126	1061	627
head_x(115)	849	1145	691	815	1062	1127	1052	628
head_x(116)	851	1148	692	809	1063	1130	1044	631
head_x(117)	849	1148	692	804	1063	1129	1040	635
head_x(118)	846		692	798	1063		1041	636
head_x(119)	843		692	794	1062		1045	638
head_x(120)	842		692	788	1063		1055	643
head_x(121)	839		692	784	1063		1052	643
head_x(122)	839		692	778	1063		1054	645
head_x(123)	839		692	774	1063		1059	648
head_x(124)	839		692	768	1063		1063	653
head_x(125)	839	1157	692	764	1063	1135	1063	653
head_x(126)	839	1142	692	760	1063	1132	1064	656
head_x(127)	839	1141	692	754	1063	1131	1058	646
head_x(128)	839	1143	692	752	1062	1132	1044	651

head_x(129	839	1147	692	748	1063	1133	1045	654
head_x(130	839	1145	691	748	1063	1134	1041	656
head_x(131	839	1138	690	745	1062	1135	1038	654
head_x(132	839	1140	690	742	1063	1135	1038	652
head_x(133	839	1141	689	738	1063	1138	1035	659
head_x(134	839	1147	688	734	1062	1134	1034	659
head_x(135	839	1147	688	731	1061	1127	1034	640
head_x(136	840	1145	688	732	1063	1124	1054	637
head_x(137	840	1147	688	734	1063	1120	1053	632
head_x(138	839	1146	699	743	1060	1116	1044	631
head_x(139	838	1146	693	740	1060	1110	1046	627
head_x(140	838	1147	689	736	1059	1110	1043	624
head_x(141	838	1146	682	730	1059	1102	1042	621
head_x(142	838	1153	680	727	1059	1098	1043	618
head_x(143	838	1153	683	728	1059	1097	1042	614
head_x(144	838	1155	683	728	1057	1098	1042	616
head_x(145	838	1155	684	734	1057	1097	1040	613
head_x(146	839	1157	684	745	1058	1094	1043	610
head_x(147	837	1157	682	761	1058	1103	1069	606
head_x(148	838	1157	681	763	1058	1101	1073	602
head_x(149	837	1155	681	760	1059	1102	1074	597
head_x(150	838	1155	682	756	1060	1086	1077	596
head_x(151	838	1155	682	750	1060	1086	1079	592
head_x(152	838	1157	683	751	1060	1088	1079	595
head_x(153	838	1155	681	753	1060	1094	1083	588
head_x(154	838	1154	683	752	1061	1117	1084	588
head_x(155	838	1153	683	744	1057	1119	1089	586
head_x(156	838	1153	683	745	1060	1127	1089	588
head_x(157	838	1155	688	748	1062	1128	1095	584
head_x(158	838	1153	686	749	1063	1125	1095	579
head_x(159	838	1153	689	751	1062	1104	1096	575
head_x(160	838	1155	690	753	1062	1100	1098	574
head_x(161	838	1153	692	753	1063	1099	1100	575
head_x(162	838	1155	693	752	1062	1101	1101	587
head_x(163	838	1155	695	753	1062	1102	1104	584
head_x(164	838	1153	697	755	1060	1092	1103	595
head_x(165	838	1155	697	755	1062	1088	1108	597
head_x(166	838	1155	698	754	1061	1084	1110	598
head_x(167	838	1153	699	755	1061	1078	1112	600
head_x(168	838	1153	699	754	1060	1072	1114	601
head_x(169	838	1153	698	752	1057	1068	1118	605
head_x(170	838	1153	698	752	1061	1062	1117	605
head_x(171	838	1153	698	751	1062	1056	1113	610
head_x(172	838	1153	698	753	1061	1052	1100	608
head_x(173	837	1153	697	750	1061	1048	1101	604
head_x(174	837	1153	696	748	1060	1042	1102	607
head_x(175	837	1153	695	748	1060	1036	1100	610
head_x(176	837	1153	696	761	1061	1032	1102	612
head_x(177	837	1153	696	765	1059	1026	1106	617
head_x(178	837	1153	696	768	1058	1018	1108	620

head_x(17)	837	1153	696	771	1058	1016	1114	623
head_y(0)	1093	991	1001	826	788	717	561	
head_y(1)	1093	981	1001	829	789	724	561	899
head_y(2)	1093	982	1001	835	790	722	559	903
head_y(3)	1093	985	996	833	788	726	554	907
head_y(4)	1098	986	995	831	787	733	559	909
head_y(5)	1099	987	993	829	790	736	557	912
head_y(6)	1101	986	991	827	791	741	558	915
head_y(7)	1103	985	991	827	794	747	543	917
head_y(8)	1103	991	991	830	796	750	541	919
head_y(9)	1100	995	991	833	797	755	543	921
head_y(10)	1099	997	991	833	797	760	549	923
head_y(11)	1096	995	991	825	801	766	551	924
head_y(12)	1098	995	990	823	805	772	537	923
head_y(13)	1097	994	991	819	807	779	538	923
head_y(14)	1099	992	974	816	810	783	535	924
head_y(15)	1099	991	970	813	812	787	534	926
head_y(16)	1099	977	967	812	813	793	530	929
head_y(17)	1100	978	965	807	817	795	526	931
head_y(18)	1098	979	962	805	818	798	543	930
head_y(19)	1092	979	959	801	815	805	542	933
head_y(20)	1092	979	956	796	813	811	542	930
head_y(21)	1090	978	953	794	815	815	518	930
head_y(22)	1090	979	948	792	814	821	516	928
head_y(23)	1087	979	946	792	819	824	514	930
head_y(24)	1086	979	943	791	817	828	510	929
head_y(25)	1084	980	942	786	818	831	508	929
head_y(26)	1084	979	940	784	819	829	506	925
head_y(27)	1084	979	940	784	819	829	506	925
head_y(28)	1080	979	938	779	823	835	498	920
head_y(29)	1080	979	938	779	823	835	498	920
head_y(30)	1078	979	936	775	825	837	492	919
head_y(31)	1074	979	936	772	829	838	492	921
head_y(32)	1073	979	935	768	830	841	488	917
head_y(33)	1071	978	935	764	831	844	484	917
head_y(34)	1068	978	935	760	833	845	480	910
head_y(35)	1068	977	935	756	835	846	479	911
head_y(36)	1066	979	938	752	835	846	476	910
head_y(37)	1066	982	938	750	835	849	472	911
head_y(38)	1067	979	941	746	834	852	470	912
head_y(39)	1066	980	945	742	835	847	464	912
head_y(40)	1065	979	947	738	835	845	460	906
head_y(41)	1064	977	949	733	837	842	458	905
head_y(42)	1064	977	950	730	839	842	454	898
head_y(43)	1064	975	951	726	839	840	450	896
head_y(44)	1062	975	951	722	839	840	447	893
head_y(45)	1060	978	952	718	836	840	446	894
head_y(46)	1057	977	953	718	838	841	442	894
head_y(47)	1058	976	956	714	838	830	440	904
head_y(48)	1060	976	957	713	835	827	439	907

head_y(49)	1057	993	961	710	810	827	435	904
head_y(50)	1056	995	965	707	810	847	432	902
head_y(51)	1056	995	969	702	810	855	428	905
head_y(52)	1057	995	971	698	810	860	422	903
head_y(53)	1054	995	976	693	810	867	418	901
head_y(54)	1053	989	979	689	810	873	414	899
head_y(55)	1050	974	983	684	810	879	421	896
head_y(56)	1044	976	985	678	809	887	415	894
head_y(57)	1044	982	989	676	809	893	416	892
head_y(58)	1040	989	991	671	811	899	415	891
head_y(59)	1040	992	995	666	810	904	418	887
head_y(60)	1053	989	997	662	810	913	440	884
head_y(61)	1053	992	997	657	810	917	441	880
head_y(62)	1053	995	999	652	810	925	441	878
head_y(63)	1055	995	1000	656	810	929	441	876
head_y(64)	1054	995	1004	656	810	933	441	872
head_y(65)	1050	994	1005	658	810	941	441	866
head_y(66)	1049	995	1007	652	810	946	439	862
head_y(67)	1047	995	1009	650	810	955	437	859
head_y(68)	1040	997	1010	646	810	963	437	854
head_y(69)	1041	999	1010	641	810	969	441	850
head_y(70)	1038	1001	1009	636	810	976	441	846
head_y(71)	1044	1003	1009	633	810	983	441	844
head_y(72)	1043	1003	1009	628	810	989	441	852
head_y(73)	1044	1003	1008	624	811	995	441	851
head_y(74)	1046	1005	1008	618	814	1001	441	850
head_y(75)	1041	1005	1008	614	814	1005	441	844
head_y(76)	1036	1005	1008	608	814	1011	441	840
head_y(77)	1032	1007	1009	602	814	1019	441	842
head_y(78)	1030	1005	1007	600	816	1021	441	850
head_y(79)	1026	1005	1007	594	816	1023	440	850
head_y(80)	1024	1004	1007	592	814	1020	441	847
head_y(81)	1033	1005	1007	590	814	1019	439	847
head_y(82)	1036	1006	1007	590	814	1013	439	843
head_y(83)	1036	1006	1007	588	814	1011	437	842
head_y(84)	1031	1006	1007	582	815	1005	437	839
head_y(85)	1034	1006	1007	580	814	1002	437	836
head_y(86)	1032	1006	1003	573	814	1006	437	845
head_y(87)	1029	1007	1002	568	816	1003	437	841
head_y(88)	1026	1007	1000	563	816	1004	437	840
head_y(89)	1029	1006	1001	557	816	1004	437	836
head_y(90)	1028	1006	1001	550	818	1007	437	834
head_y(91)	1030	1006	1001	546	818	1005	437	830
head_y(92)	1030	1007	999	542	817	1004	439	829
head_y(93)	1030	1006	995	540	817	1001	439	826
head_y(94)	1037	1006	974	536	812	997	439	824
head_y(95)	1037	1006	974	532	813	996	437	843
head_y(96)	1042	1007	974	533	812	994	437	845
head_y(97)	1039	1006	974	536	813	994	437	843
head_y(98)	1038	1006	974	534	812	990	437	842

head_y(99)	1038	1006	974	535	812	986	437	838
head_y(100)	1037	1006	974	534	812	983	428	822
head_y(101)	1028	1006	974	534	812	980	430	822
head_y(102)	1032	1007	974	535	812	974	430	818
head_y(103)	1051	1006	974	535	812	970	435	816
head_y(104)	1053	1007	974	533	812	966	438	816
head_y(105)	1053	1007	975	533	815	961	439	814
head_y(106)	1051	1007	974	536	814	955	439	810
head_y(107)	1050	1007	972	536	815	951	442	812
head_y(108)	1051	1007	971	531	814	947	447	812
head_y(109)	1054	1007	970	522	814	942	446	811
head_y(110)	1052	1007	970	516	814	939	452	804
head_y(111)	1046	1006	970	514	814	934	454	817
head_y(112)	1045	1005	970	513	814	930	465	819
head_y(113)	1040	1006	970	515	814	932	470	819
head_y(114)	1043	1007	971	513	816	959	473	814
head_y(115)	1041	1007	972	510	816	965	480	810
head_y(116)	1038	1007	970	512	814	969	483	810
head_y(117)	1057	1007	970	510	815	975	482	807
head_y(118)	1057		970	511	814		495	806
head_y(119)	1057		970	509	816		501	802
head_y(120)	1057		970	507	814		505	803
head_y(121)	1055		970	506	814		507	799
head_y(122)	1053		970	509	814		507	799
head_y(123)	1053		970	505	814		513	796
head_y(124)	1053		970	505	814		519	796
head_y(125)	1053	998	970	506	815	1027	523	796
head_y(126)	1053	1004	971	502	814	1035	526	794
head_y(127)	1053	1007	970	496	815	1039	523	813
head_y(128)	1053	1007	970	494	814	1046	523	817
head_y(129)	1053	1009	970	490	815	1053	527	819
head_y(130)	1053	1007	969	487	814	1063	531	821
head_y(131)	1053	1005	967	482	814	1069	534	819
head_y(132)	1053	1006	967	480	815	1075	538	796
head_y(133)	1053	1007	966	479	814	1083	545	799
head_y(134)	1053	1006	964	476	814	1089	547	801
head_y(135)	1053	1007	964	474	813	1095	555	817
head_y(136)	1054	1007	964	472	815	1101	530	821
head_y(137)	1054	1006	964	470	815	1107	528	823
head_y(138)	1055	1006	981	470	812	1113	530	825
head_y(139)	1053	1006	989	469	814	1119	534	827
head_y(140)	1055	1007	989	486	815	1121	540	829
head_y(141)	1054	1005	984	483	816	1126	540	833
head_y(142)	1054	994	984	482	816	1135	539	833
head_y(143)	1054	990	989	486	816	1139	540	837
head_y(144)	1054	986	991	485	815	1145	540	818
head_y(145)	1054	987	993	479	815	1149	541	814
head_y(146)	1053	991	995	480	816	1151	540	812
head_y(147)	1053	992	997	488	816	1149	535	811
head_y(148)	1054	992	997	482	816	1151	530	806

head_y(149	1053	994	1001	480	817	1145	526	804
head_y(150	1054	993	1003	480	818	1136	522	801
head_y(151	1054	992	1005	490	818	1141	518	798
head_y(152	1054	990	1009	507	818	1136	514	794
head_y(153	1054	992	1011	511	818	1139	510	803
head_y(154	1054	993	1011	513	819	1129	504	796
head_y(155	1054	992	1015	517	817	1129	500	796
head_y(156	1054	994	1015	521	818	1119	497	813
head_y(157	1054	993	1017	527	818	1118	492	814
head_y(158	1054	994	1019	531	818	1122	488	815
head_y(159	1054	994	1018	537	816	1127	482	817
head_y(160	1054	993	1019	539	818	1130	478	811
head_y(161	1054	994	1021	544	816	1135	472	810
head_y(162	1054	992	1022	549	816	1139	468	822
head_y(163	1054	993	1022	553	816	1136	464	815
head_y(164	1054	994	1024	558	814	1117	462	794
head_y(165	1054	993	1025	563	816	1119	458	790
head_y(166	1054	993	1027	569	815	1119	456	786
head_y(167	1054	993	1028	573	815	1120	452	782
head_y(168	1054	994	1028	579	814	1119	448	778
head_y(169	1054	994	1027	585	813	1114	446	775
head_y(170	1054	994	1027	588	817	1113	447	770
head_y(171	1054	995	1027	593	816	1113	444	768
head_y(172	1054	994	1027	598	817	1111	473	764
head_y(173	1053	994	1027	603	817	1108	471	764
head_y(174	1055	994	1027	603	818	1106	471	760
head_y(175	1055	993	1027	599	818	1106	466	758
head_y(176	1055	994	1027	601	819	1106	469	756
head_y(177	1055	994	1027	603	816	1104	463	778
head_y(178	1055	994	1027	603	820	1103	462	783
head_y(179	1055	995	1027	607	820	1101	467	784
spinepoint_	956	1153	808	832	1106	907	1092	
spinepoint_	954	1154	808	830	1106	899	1093	691
spinepoint_	953	1155	808	827	1105	893	1092	689
spinepoint_	952	1155	808	825	1103	888	1089	689
spinepoint_	949	1154	808	822	1100	881	1092	687
spinepoint_	948	1155	808	820	1098	875	1091	685
spinepoint_	945	1153	808	816	1096	870	1094	684
spinepoint_	944	1153	808	815	1093	869	1081	682
spinepoint_	943	1153	808	811	1092	863	1079	681
spinepoint_	940	1150	808	810	1090	860	1078	679
spinepoint_	939	1152	807	809	1087	857	1074	676
spinepoint_	935	1152	808	805	1086	853	1073	675
spinepoint_	932	1153	805	802	1083	852	1074	672
spinepoint_	930	1153	806	799	1082	851	1071	666
spinepoint_	929	1152	796	795	1081	852	1069	665
spinepoint_	924	1153	798	793	1081	850	1064	663
spinepoint_	923	1139	800	790	1080	848	1065	660
spinepoint_	922	1139	799	790	1077	844	1062	658
spinepoint_	920	1140	797	789	1077	839	1072	654

spinepoint_	918	1140	796	788	1078	834	1074	650
spinepoint_	915	1140	792	787	1074	834	1072	647
spinepoint_	915	1140	792	788	1074	836	1068	642
spinepoint_	911	1140	788	786	1072	835	1070	642
spinepoint_	908	1140	785	785	1072	835	1071	634
spinepoint_	908	1139	783	783	1070	833	1074	631
spinepoint_	906	1139	780	780	1069	833	1074	631
spinepoint_	903	1140	775	780	1066	835	1076	627
spinepoint_	903	1140	775	780	1066	835	1076	627
spinepoint_	898	1140	768	779	1065	844	1080	620
spinepoint_	898	1140	768	779	1065	844	1080	620
spinepoint_	896	1140	764	780	1064	849	1080	618
spinepoint_	895	1140	761	778	1063	857	1082	613
spinepoint_	894	1141	753	778	1063	860	1084	610
spinepoint_	892	1139	750	778	1062	867	1086	606
spinepoint_	891	1139	748	776	1062	876	1085	606
spinepoint_	889	1138	741	776	1060	883	1084	605
spinepoint_	888	1138	739	777	1060	890	1082	601
spinepoint_	886	1137	737	778	1059	894	1080	601
spinepoint_	886	1138	731	778	1058	899	1081	598
spinepoint_	881	1140	730	780	1059	904	1084	598
spinepoint_	882	1139	728	780	1061	908	1084	594
spinepoint_	880	1139	723	780	1064	914	1084	591
spinepoint_	878	1137	721	780	1065	919	1086	596
spinepoint_	876	1139	718	782	1064	924	1088	598
spinepoint_	873	1139	715	784	1064	933	1090	598
spinepoint_	870	1139	712	785	1066	936	1092	597
spinepoint_	870	1138	709	785	1066	944	1096	597
spinepoint_	866	1137	706	788	1066	951	1098	593
spinepoint_	863	1135	703	787	1063	949	1099	594
spinepoint_	863	1144	699	786	1066	950	1100	591
spinepoint_	860	1146	699	788	1067	949	1103	590
spinepoint_	859	1147	698	787	1066	948	1104	589
spinepoint_	858	1147	697	787	1064	949	1106	590
spinepoint_	856	1146	695	786	1064	950	1108	588
spinepoint_	856	1148	695	784	1064	952	1109	586
spinepoint_	853	1146	694	784	1064	952	1113	581
spinepoint_	854	1150	694	784	1063	950	1115	577
spinepoint_	852	1147	693	782	1063	948	1115	575
spinepoint_	851	1143	693	781	1064	946	1116	574
spinepoint_	850	1140	693	782	1065	943	1117	571
spinepoint_	847	1139	694	783	1064	942	1107	568
spinepoint_	848	1137	694	785	1064	940	1106	574
spinepoint_	848	1138	695	787	1064	936	1106	575
spinepoint_	849	1141	696	789	1064	933	1106	574
spinepoint_	845	1143	698	791	1064	927	1106	575
spinepoint_	845	1144	699	787	1064	921	1106	576
spinepoint_	844	1145	700	781	1064	917	1106	576
spinepoint_	842	1146	698	783	1064	915	1104	577
spinepoint_	841	1147	697	782	1063	912	1105	578

spinepoint_	838	1147	698	780	1064	912	1105	578
spinepoint_	837	1143	700	778	1064	910	1105	580
spinepoint_	837	1146	699	778	1064	910	1105	580
spinepoint_	835	1147	699	776	1064	910	1105	585
spinepoint_	835	1148	699	776	1063	913	1106	587
spinepoint_	834	1148	699	778	1062	914	1106	586
spinepoint_	834	1148	699	778	1062	918	1106	586
spinepoint_	831	1148	699	778	1061	920	1106	586
spinepoint_	830	1149	700	780	1061	924	1106	584
spinepoint_	828	1148	698	780	1061	924	1105	578
spinepoint_	828	1148	698	784	1059	928	1105	574
spinepoint_	828	1148	699	786	1059	936	1104	571
spinepoint_	826	1148	699	788	1059	940	1106	570
spinepoint_	827	1149	698	795	1059	945	1106	567
spinepoint_	826	1148	698	795	1058	951	1106	565
spinepoint_	829	1148	698	793	1058	959	1106	569
spinepoint_	837	1148	699	794	1060	965	1106	569
spinepoint_	838	1149	700	794	1060	969	1104	577
spinepoint_	836	1148	701	794	1060	976	1106	579
spinepoint_	839	1147	700	794	1060	982	1107	584
spinepoint_	839	1148	701	794	1060	993	1107	587
spinepoint_	838	1148	700	794	1063	997	1107	588
spinepoint_	839	1147	699	796	1062	1007	1107	590
spinepoint_	838	1147	697	798	1063	1013	1106	595
spinepoint_	838	1147	698	800	1061	1021	1106	598
spinepoint_	838	1146	692	804	1062	1030	1106	600
spinepoint_	841	1146	692	807	1061	1033	1106	598
spinepoint_	843	1147	692	813	1061	1043	1106	599
spinepoint_	843	1146	691	816	1063	1050	1106	601
spinepoint_	840	1147	693	820	1061	1056	1106	600
spinepoint_	840	1147	691	824	1063	1062	1106	585
spinepoint_	840	1147	693	830	1062	1068	1095	596
spinepoint_	834	1146	694	834	1062	1075	1090	598
spinepoint_	832	1146	693	839	1062	1081	1089	600
spinepoint_	833	1147	694	844	1061	1085	1087	602
spinepoint_	832	1146	694	849	1061	1092	1084	604
spinepoint_	830	1146	694	854	1060	1098	1081	608
spinepoint_	830	1146	694	861	1060	1102	1080	609
spinepoint_	826	1147	694	861	1059	1107	1077	614
spinepoint_	830	1147	693	858	1059	1111	1075	615
spinepoint_	831	1147	694	851	1059	1119	1072	611
spinepoint_	831	1147	692	847	1059	1122	1070	606
spinepoint_	828	1146	692	842	1059	1125	1070	615
spinepoint_	832	1146	692	836	1059	1128	1068	616
spinepoint_	835	1145	692	831	1059	1128	1065	617
spinepoint_	843	1146	692	825	1057	1124	1063	619
spinepoint_	845	1146	692	820	1057	1126	1057	621
spinepoint_	844	1146	692	817	1059	1127	1051	623
spinepoint_	844	1146	692	811	1058	1129	1047	627
spinepoint_	842		692	807	1058		1045	629

spinepoint_	842		692	800	1058		1046	632
spinepoint_	840		692	796	1058		1050	635
spinepoint_	840		692	792	1058		1052	636
spinepoint_	840		692	785	1059		1050	639
spinepoint_	840		692	782	1059		1055	642
spinepoint_	840		692	776	1059		1059	645
spinepoint_	840	1149	692	773	1058	1136	1060	648
spinepoint_	840	1145	692	768	1059	1135	1061	649
spinepoint_	840	1144	692	762	1058	1134	1057	646
spinepoint_	840	1146	692	757	1059	1133	1050	645
spinepoint_	840	1146	692	755	1058	1133	1049	649
spinepoint_	840	1146	692	753	1059	1134	1046	651
spinepoint_	840	1145	692	750	1058	1135	1043	650
spinepoint_	840	1144	690	746	1058	1136	1042	651
spinepoint_	840	1145	690	745	1059	1137	1040	655
spinepoint_	840	1146	690	739	1059	1136	1039	652
spinepoint_	840	1145	690	736	1058	1133	1038	644
spinepoint_	840	1145	690	737	1058	1130	1046	641
spinepoint_	840	1144	690	738	1058	1126	1049	638
spinepoint_	840	1144	694	741	1058	1122	1045	635
spinepoint_	840	1144	692	742	1056	1117	1042	632
spinepoint_	839	1145	690	739	1056	1115	1041	630
spinepoint_	839	1145	690	737	1055	1110	1041	626
spinepoint_	838	1146	688	733	1054	1104	1040	624
spinepoint_	838	1146	688	734	1055	1102	1042	621
spinepoint_	838	1149	687	737	1053	1100	1042	621
spinepoint_	838	1148	688	741	1055	1100	1042	619
spinepoint_	838	1149	687	747	1053	1100	1046	616
spinepoint_	838	1149	686	758	1052	1102	1062	611
spinepoint_	838	1149	686	760	1054	1102	1067	608
spinepoint_	838	1147	684	757	1055	1101	1070	603
spinepoint_	838	1147	684	755	1056	1095	1074	598
spinepoint_	838	1147	684	753	1055	1094	1075	596
spinepoint_	838	1149	684	752	1055	1095	1077	597
spinepoint_	838	1147	684	753	1056	1101	1079	597
spinepoint_	838	1146	684	751	1054	1113	1081	594
spinepoint_	838	1145	685	746	1056	1116	1085	592
spinepoint_	838	1149	684	748	1056	1120	1086	591
spinepoint_	838	1149	686	748	1057	1120	1089	588
spinepoint_	838	1146	687	750	1056	1116	1093	584
spinepoint_	838	1146	687	751	1057	1111	1095	582
spinepoint_	838	1147	688	752	1057	1106	1096	579
spinepoint_	838	1146	688	752	1056	1104	1098	583
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spinepoint_	838	1150	690	754	1057	1104	1101	587
spinepoint_	838	1146	692	754	1057	1099	1102	592
spinepoint_	838	1147	693	756	1055	1096	1104	595
spinepoint_	838	1150	694	755	1057	1092	1106	597
spinepoint_	838	1146	694	755	1055	1087	1109	597
spinepoint_	838	1145	694	754	1057	1082	1110	600

spinepoint_	838	1146	694	754	1058	1077	1112	601
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spinepoint_	838	1146	693	767	1052	1024	1120	616
spinepoint_	1089	986	995	819	788	716	554	
spinepoint_	1091	982	993	822	790	720	555	892
spinepoint_	1092	982	993	826	790	722	554	895
spinepoint_	1092	985	988	830	790	723	552	899
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spinepoint_	1091	980	946	792	814	825	514	929
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spinepoint_	1087	980	940	786	817	829	503	923
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spinepoint_	1085	980	939	783	819	831	500	921
spinepoint_	1083	980	938	779	822	836	498	921
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spinepoint_	1071	982	940	751	831	848	475	913

spinepoint_	1068	982	942	750	829	849	470	913
spinepoint_	1069	981	943	745	830	846	467	911
spinepoint_	1068	978	946	742	830	844	466	907
spinepoint_	1067	977	948	737	831	842	460	903
spinepoint_	1066	978	948	736	831	842	455	902
spinepoint_	1064	977	950	730	831	840	451	899
spinepoint_	1063	978	951	725	829	840	451	899
spinepoint_	1062	977	951	726	831	841	447	902
spinepoint_	1061	978	953	721	830	836	445	904
spinepoint_	1060	978	955	722	830	834	444	906
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spinepoint_	1044	994	1001	641	816	974	434	852
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spinepoint_	1035	998	998	576	821	1004	430	846
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spinepoint_	1033	998	998	563	822	1004	428	841
spinepoint_	1032	998	996	557	821	1006	430	839
spinepoint_	1033	998	994	553	821	1006	430	837
spinepoint_	1032	999	992	548	821	1004	431	833
spinepoint_	1033	998	991	545	821	1004	431	830
spinepoint_	1035	998	982	541	818	1000	431	828
spinepoint_	1039	998	982	539	820	1000	429	836
spinepoint_	1043	999	979	536	818	996	429	841
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spinepoint_	1043	997	978	515	818	938	459	818
spinepoint_	1043	999	979	516	818	939	463	817
spinepoint_	1043	999	979	514	819	951	466	814
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spinepoint_	1051		978	510	820		495	807
spinepoint_	1049		978	509	819		498	805
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spinepoint_	1046		978	506	819		506	801
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spinepoint_	1045	998	972	485	819	1066	533	801
spinepoint_	1047	1000	972	484	818	1073	537	801
spinepoint_	1047	997	970	480	819	1080	542	803
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spinepoint_	851	1140	696	786	1060	927	1106	576
spinepoint_	850	1140	698	785	1059	921	1106	576
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spinepoint_	840		694	808	1051		1048	626
spinepoint_	841		695	805	1052		1048	628
spinepoint_	842		694	799	1052		1049	630
spinepoint_	842		695	793	1051		1048	632
spinepoint_	842		695	790	1051		1051	636
spinepoint_	843		695	784	1051		1054	638
spinepoint_	842	1144	695	781	1051	1135	1056	642
spinepoint_	842	1144	695	776	1051	1135	1056	642
spinepoint_	842	1143	695	769	1051	1135	1056	644
spinepoint_	841	1144	693	764	1051	1134	1055	641
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spinepoint_	841	1143	693	759	1051	1133	1050	645
spinepoint_	842	1143	692	756	1051	1133	1048	645
spinepoint_	842	1143	692	751	1052	1135	1046	648
spinepoint_	842	1143	692	751	1052	1136	1044	648
spinepoint_	841	1142	692	745	1051	1137	1042	645
spinepoint_	842	1142	691	742	1051	1136	1042	642
spinepoint_	842	1141	690	743	1051	1134	1044	643
spinepoint_	842	1141	691	743	1051	1131	1042	641
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spinepoint_	841	1141	692	746	1049	1120	1038	635
spinepoint_	841	1140	692	744	1049	1115	1038	632
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spinepoint_	840	1142	691	744	1046	1104	1043	627
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spinepoint_	840	1139	690	762	1045	1032	1125	610
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spinepoint_	1087	983	981	823	791	720	550	891
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spinepoint_	1093	983	976	825	791	731	548	901
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spinepoint_	1092	983	944	794	812	823	510	926

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spinepoint_	1071	980	944	744	823	845	468	908
spinepoint_	1070	981	946	743	823	844	462	909
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spinepoint_	1059	980	966	702	822	858	430	906
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spinepoint_	1049	986	997	651	823	958	428	862
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spinepoint_	1048	990	994	638	822	978	428	859
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spinepoint_	1042	993	995	618	826	1002	428	856
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spinepoint_	1037	992	992	578	827	1006	424	848
spinepoint_	1038	992	992	572	828	1004	424	846
spinepoint_	1037	992	991	564	826	1005	425	845
spinepoint_	1038	992	988	561	826	1005	425	842
spinepoint_	1038	992	985	555	826	1005	426	837
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spinepoint_	1039	992	986	548	824	1003	426	833
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spinepoint_	958	1140	808	828	1110	882	1085	689
spinepoint_	957	1139	807	828	1107	879	1093	686
spinepoint_	955	1141	804	824	1105	875	1092	687
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spinepoint_	952	1142	794	824	1100	866	1087	685
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spinepoint_	939	1142	807	806	1092	855	1077	676
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spinepoint_	914	1153	785	790	1076	835	1070	641
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spinepoint_	888	1152	732	780	1066	909	1082	602
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spinepoint_	862	1131	698	785	1053	950	1107	585
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spinepoint_	859	1134	696	782	1053	948	1115	579
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spinepoint_	858	1135	695	784	1053	940	1103	579
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spinepoint_	855	1135	696	783	1054	926	1100	575
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spinepoint_	852	1138	696	784	1054	920	1105	576
spinepoint_	850	1136	696	784	1053	916	1102	576
spinepoint_	848	1135	696	783	1054	914	1101	577
spinepoint_	848	1137	696	782	1053	912	1101	577
spinepoint_	848	1139	696	782	1054	912	1102	578
spinepoint_	847	1140	696	780	1053	912	1102	579
spinepoint_	846	1139	696	778	1053	912	1102	579
spinepoint_	845	1139	696	778	1052	912	1102	580
spinepoint_	843	1139	696	778	1051	914	1102	578
spinepoint_	841	1140	696	778	1050	916	1102	578
spinepoint_	839	1140	696	778	1051	917	1102	576
spinepoint_	835	1140	696	778	1048	920	1103	578
spinepoint_	836	1140	696	780	1049	923	1103	578
spinepoint_	834	1139	696	781	1048	925	1100	578
spinepoint_	835	1139	696	784	1048	928	1100	576
spinepoint_	835	1140	696	785	1047	934	1096	574
spinepoint_	836	1139	696	785	1049	943	1096	577
spinepoint_	835	1139	696	786	1051	951	1096	577
spinepoint_	834	1139	696	789	1051	955	1100	576
spinepoint_	836	1139	696	792	1052	960	1096	578
spinepoint_	834	1139	694	792	1050	966	1097	576
spinepoint_	834	1139	694	793	1052	975	1096	578
spinepoint_	836	1139	694	794	1054	981	1098	579
spinepoint_	835	1139	693	794	1055	989	1098	581
spinepoint_	835	1139	693	796	1054	996	1098	585
spinepoint_	835	1139	692	796	1054	1004	1098	587
spinepoint_	835	1139	701	797	1052	1013	1097	589
spinepoint_	837	1139	701	798	1053	1017	1097	587
spinepoint_	837	1139	699	801	1053	1026	1097	587
spinepoint_	837	1138	700	805	1053	1032	1096	586
spinepoint_	838	1138	698	806	1050	1041	1096	598

spinepoint_	838	1138	694	811	1050	1047	1096	595
spinepoint_	835	1137	691	813	1051	1053	1108	588
spinepoint_	840	1137	691	818	1050	1059	1104	589
spinepoint_	840	1138	692	824	1049	1067	1102	590
spinepoint_	841	1137	692	828	1048	1072	1102	593
spinepoint_	841	1137	693	834	1048	1078	1096	595
spinepoint_	841	1137	691	839	1046	1084	1095	599
spinepoint_	840	1137	688	845	1047	1090	1092	600
spinepoint_	840	1138	690	845	1046	1095	1089	603
spinepoint_	840	1137	693	844	1046	1101	1087	604
spinepoint_	838	1137	694	840	1045	1106	1082	603
spinepoint_	840	1138	695	842	1046	1110	1081	603
spinepoint_	840	1137	696	846	1045	1111	1079	610
spinepoint_	843	1137	698	844	1045	1113	1076	607
spinepoint_	842	1137	700	844	1045	1114	1075	607
spinepoint_	842	1138	700	840	1044	1113	1072	608
spinepoint_	841	1137	700	834	1044	1116	1069	609
spinepoint_	845	1137	700	831	1045	1116	1063	609
spinepoint_	844	1137	700	826	1044	1120	1060	614
spinepoint_	842		700	821	1045		1052	616
spinepoint_	842		700	815	1044		1049	619
spinepoint_	843		700	812	1045		1048	623
spinepoint_	845		700	807	1044		1048	623
spinepoint_	844		700	801	1044		1050	627
spinepoint_	845		700	797	1044		1051	629
spinepoint_	846		700	792	1044		1052	631
spinepoint_	844	1140	700	789	1044	1134	1052	635
spinepoint_	845	1141	700	783	1044	1134	1054	635
spinepoint_	844	1138	700	775	1044	1136	1054	637
spinepoint_	844	1139	696	771	1044	1136	1053	635
spinepoint_	845	1139	699	768	1044	1134	1054	637
spinepoint_	844	1138	697	766	1044	1134	1052	639
spinepoint_	844	1137	696	762	1044	1134	1050	639
spinepoint_	845	1137	695	756	1044	1134	1048	640
spinepoint_	844	1137	696	756	1044	1135	1046	641
spinepoint_	844	1136	693	750	1044	1136	1045	638
spinepoint_	844	1135	695	748	1044	1136	1044	636
spinepoint_	844	1135	695	749	1044	1136	1042	637
spinepoint_	844	1135	696	749	1044	1134	1042	637
spinepoint_	844	1134	690	750	1045	1131	1038	639
spinepoint_	844	1135	690	753	1042	1126	1036	639
spinepoint_	844	1135	690	751	1043	1124	1036	638
spinepoint_	844	1135	691	750	1042	1120	1035	636
spinepoint_	844	1135	691	749	1041	1115	1032	634
spinepoint_	844	1136	692	749	1041	1113	1041	631
spinepoint_	844	1136	692	750	1040	1109	1048	632
spinepoint_	844	1137	692	752	1041	1108	1053	632
spinepoint_	843	1137	692	756	1041	1107	1058	629
spinepoint_	844	1137	692	756	1039	1108	1048	623
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spinepoint_	844	1134	690	755	1043	1108	1057	616
spinepoint_	844	1135	690	759	1043	1106	1063	610
spinepoint_	843	1135	690	759	1043	1107	1066	608
spinepoint_	844	1135	688	759	1042	1105	1068	609
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spinepoint_	843	1133	688	760	1043	1112	1073	605
spinepoint_	843	1133	688	757	1045	1112	1077	605
spinepoint_	843	1134	688	759	1044	1109	1078	603
spinepoint_	843	1135	686	755	1045	1107	1081	602
spinepoint_	843	1133	686	754	1045	1104	1083	598
spinepoint_	843	1134	686	752	1045	1104	1086	595
spinepoint_	843	1134	686	751	1046	1103	1089	593
spinepoint_	843	1134	687	751	1044	1106	1090	596
spinepoint_	843	1133	686	752	1045	1106	1093	597
spinepoint_	843	1135	686	752	1044	1107	1094	597
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spinepoint_	843	1135	688	754	1045	1104	1100	596
spinepoint_	843	1133	688	754	1042	1103	1101	596
spinepoint_	843	1134	688	754	1043	1098	1102	596
spinepoint_	842	1134	688	755	1044	1093	1103	596
spinepoint_	842	1134	688	755	1042	1087	1104	598
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spinepoint_	842	1134	688	754	1041	1074	1114	598
spinepoint_	842	1134	688	754	1040	1071	1118	600
spinepoint_	842	1133	688	754	1041	1062	1119	601
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spinepoint_	842	1133	688	754	1040	1053	1124	603
spinepoint_	842	1134	688	756	1038	1045	1127	603
spinepoint_	843	1133	688	758	1038	1042	1129	603
spinepoint_	1076	982	981	804	794	710	547	
spinepoint_	1080	981	980	806	794	712	548	882
spinepoint_	1081	980	977	810	794	714	545	883
spinepoint_	1082	980	974	816	794	716	547	884
spinepoint_	1085	980	974	817	792	720	549	888
spinepoint_	1086	981	972	818	791	724	546	892
spinepoint_	1088	981	968	817	791	726	546	894
spinepoint_	1089	980	968	819	790	730	550	900
spinepoint_	1090	982	975	823	790	734	550	901
spinepoint_	1092	982	976	822	790	736	550	902
spinepoint_	1093	981	980	823	790	741	550	906
spinepoint_	1096	982	982	824	790	746	550	907
spinepoint_	1097	983	984	825	792	750	547	910
spinepoint_	1098	982	983	826	794	754	547	913
spinepoint_	1098	982	984	826	794	760	546	914
spinepoint_	1100	981	986	824	794	764	545	916
spinepoint_	1100	982	986	824	795	769	543	918
spinepoint_	1100	982	985	822	798	775	542	920
spinepoint_	1101	984	982	821	799	779	531	921

spinepoint_	1101	984	981	820	798	784	532	924
spinepoint_	1101	985	974	817	797	787	530	926
spinepoint_	1102	984	974	817	799	791	540	926
spinepoint_	1102	985	967	813	799	794	537	928
spinepoint_	1101	984	965	813	802	799	532	929
spinepoint_	1102	985	963	809	801	806	529	930
spinepoint_	1101	985	958	806	803	809	527	930
spinepoint_	1100	984	955	806	805	807	525	931
spinepoint_	1100	984	955	806	805	807	525	931
spinepoint_	1098	985	950	802	806	815	515	929
spinepoint_	1098	985	950	802	806	815	515	929
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spinepoint_	1091	983	941	788	811	832	505	924
spinepoint_	1090	984	940	782	812	836	502	923
spinepoint_	1088	984	939	779	814	840	500	923
spinepoint_	1087	986	939	778	814	842	496	921
spinepoint_	1085	986	940	773	815	842	491	921
spinepoint_	1085	987	938	769	816	844	489	921
spinepoint_	1080	989	940	765	814	845	485	922
spinepoint_	1082	985	940	762	817	846	482	919
spinepoint_	1079	982	941	759	815	846	479	915
spinepoint_	1078	981	942	753	816	846	475	914
spinepoint_	1075	980	944	752	816	846	468	915
spinepoint_	1073	979	945	746	816	844	465	913
spinepoint_	1070	981	946	741	815	844	464	913
spinepoint_	1071	982	948	742	816	842	458	915
spinepoint_	1068	983	949	737	816	840	457	913
spinepoint_	1067	984	949	738	817	839	454	916
spinepoint_	1068	978	952	731	826	840	453	916
spinepoint_	1065	980	954	732	822	843	450	915
spinepoint_	1066	980	954	727	822	841	447	913
spinepoint_	1065	980	956	722	824	841	443	915
spinepoint_	1065	980	958	718	824	844	440	914
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spinepoint_	1061	978	964	706	824	854	432	907
spinepoint_	1062	979	965	703	824	861	431	904
spinepoint_	1062	978	967	699	824	867	431	903
spinepoint_	1061	978	971	693	825	875	432	901
spinepoint_	1059	977	973	687	827	882	432	900
spinepoint_	1059	978	976	684	827	887	426	896
spinepoint_	1061	978	978	680	826	893	425	896
spinepoint_	1061	978	978	675	827	900	422	897
spinepoint_	1064	978	980	674	827	907	425	897
spinepoint_	1061	978	982	673	826	913	423	894
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spinepoint_	1058	978	989	674	827	926	422	886
spinepoint_	1059	978	986	673	826	930	424	881
spinepoint_	1057	981	988	670	827	939	422	875

spinepoint_	1055	979	987	664	826	944	427	874
spinepoint_	1053	981	990	659	827	951	427	868
spinepoint_	1054	981	988	656	826	957	427	866
spinepoint_	1055	983	988	652	827	963	425	865
spinepoint_	1054	984	987	646	826	970	426	866
spinepoint_	1054	985	987	640	828	977	426	866
spinepoint_	1053	986	986	636	830	984	427	862
spinepoint_	1050	985	987	632	831	986	425	862
spinepoint_	1047	987	988	627	831	995	424	862
spinepoint_	1047	986	987	622	831	996	424	864
spinepoint_	1045	986	987	616	832	1002	424	862
spinepoint_	1046	985	987	611	830	1008	424	862
spinepoint_	1046	986	987	610	831	1011	425	861
spinepoint_	1047	986	987	604	830	1013	424	858
spinepoint_	1047	987	987	603	829	1016	425	856
spinepoint_	1046	986	987	603	829	1016	426	859
spinepoint_	1046	986	987	601	828	1014	426	857
spinepoint_	1045	986	987	597	831	1014	424	856
spinepoint_	1047	986	987	592	833	1010	426	858
spinepoint_	1045	986	985	586	833	1009	426	856
spinepoint_	1045	986	986	580	834	1006	426	852
spinepoint_	1045	986	984	573	832	1006	424	851
spinepoint_	1044	986	982	570	833	1004	424	848
spinepoint_	1045	986	979	564	832	1006	424	843
spinepoint_	1044	986	980	560	831	1006	424	840
spinepoint_	1044	986	986	556	830	1004	423	838
spinepoint_	1045	986	986	552	827	1004	425	841
spinepoint_	1045	986	988	548	821	1002	424	840
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spinepoint_	1047	987	992	543	819	998	425	836
spinepoint_	1047	987	991	540	822	996	424	834
spinepoint_	1045	986	992	538	822	992	427	840
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spinepoint_	1048	988	993	536	824	988	425	838
spinepoint_	1050	986	997	535	824	985	425	836
spinepoint_	1050	987	996	536	824	982	425	833
spinepoint_	1050	987	994	536	825	976	426	830
spinepoint_	1050	987	992	536	825	974	428	828
spinepoint_	1048	987	994	536	826	968	429	824
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spinepoint_	1047	987	991	535	826	958	436	824
spinepoint_	1052	987	992	537	827	954	438	822
spinepoint_	1051	987	989	534	826	950	443	813
spinepoint_	1053	987	988	526	826	948	447	827
spinepoint_	1053	988	990	525	826	949	450	826
spinepoint_	1052	989	990	521	826	953	455	822
spinepoint_	1052	989	989	519	826	950	464	820
spinepoint_	1054	988	990	519	826	952	468	819
spinepoint_	1039	988	989	516	826	952	471	817
spinepoint_	1039		990	515	826		473	816

spinepoint_	1036		989	513	826		482	815
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spinepoint_	1031		989	512	826		484	812
spinepoint_	1032		989	511	826		485	811
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spinepoint_	1029		989	509	826		498	807
spinepoint_	1032	984	989	508	826	1001	503	805
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spinepoint_	1033	985	989	507	826	1013	504	804
spinepoint_	1033	986	987	505	826	1020	503	806
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spinepoint_	1031	988	986	496	826	1049	519	806
spinepoint_	1033	987	985	496	825	1055	522	805
spinepoint_	1033	987	983	490	826	1063	526	804
spinepoint_	1032	988	982	488	825	1071	531	809
spinepoint_	1034	988	980	487	826	1076	547	807
spinepoint_	1033	988	979	488	826	1082	547	807
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spinepoint_	1033	987	968	487	829	1107	562	815
spinepoint_	1033	985	969	488	829	1112	560	817
spinepoint_	1033	984	970	490	829	1116	555	820
spinepoint_	1033	984	971	492	829	1121	550	819
spinepoint_	1033	984	973	495	827	1125	547	819
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spinepoint_	1033	984	978	495	828	1126	544	818
spinepoint_	1033	985	983	494	828	1124	542	817
spinepoint_	1033	984	983	501	831	1124	538	814
spinepoint_	1033	984	984	503	831	1125	536	812
spinepoint_	1033	982	990	503	830	1124	533	811
spinepoint_	1033	985	988	504	831	1118	529	812
spinepoint_	1033	984	992	500	833	1120	526	810
spinepoint_	1033	983	992	500	830	1120	519	810
spinepoint_	1033	984	994	500	829	1117	516	809
spinepoint_	1033	984	994	504	828	1117	512	808
spinepoint_	1033	983	996	507	826	1113	509	808
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spinepoint_	1033	983	998	515	822	1113	500	808
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spinepoint_	1033	983	1004	534	820	1118	483	808
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spinepoint_	1033	983	1008	549	820	1115	469	804
spinepoint_	1033	982	1006	552	821	1117	467	799

spinepoint_	1034	982	1006	559	822	1117	464	795
spinepoint_	1034	983	1006	565	822	1117	465	788
spinepoint_	1033	982	1007	571	823	1117	463	787
spinepoint_	1033	983	1006	574	823	1116	456	785
spinepoint_	1033	983	1006	578	824	1115	464	785
spinepoint_	1034	982	1005	580	824	1114	464	781
spinepoint_	1035	982	1007	579	824	1111	467	779
spinepoint_	1034	982	1007	581	824	1110	471	776
spinepoint_	1035	982	1005	582	824	1109	474	778
spinepoint_	1033	983	1007	587	826	1107	479	777
spinepoint_	1032	982	1007	589	826	1106	481	776
tail_x(0)	969	1134	810	837	1125	926	1084	
tail_x(1)	969	1134	810	834	1124	919	1084	682
tail_x(2)	968	1134	810	835	1123	915	1096	682
tail_x(3)	968	1135	807	833	1121	909	1099	685
tail_x(4)	967	1135	806	833	1121	901	1082	686
tail_x(5)	964	1134	808	832	1117	894	1080	689
tail_x(6)	962	1135	809	831	1115	889	1079	689
tail_x(7)	963	1135	808	830	1113	883	1094	690
tail_x(8)	961	1134	796	829	1111	880	1097	688
tail_x(9)	959	1134	793	830	1109	877	1093	687
tail_x(10)	956	1134	788	829	1105	870	1093	686
tail_x(11)	955	1134	786	826	1105	866	1089	685
tail_x(12)	955	1134	786	824	1101	862	1093	685
tail_x(13)	951	1134	789	821	1098	858	1089	684
tail_x(14)	949	1134	812	817	1096	857	1087	683
tail_x(15)	947	1134	812	811	1095	856	1085	681
tail_x(16)	945	1159	811	811	1093	852	1083	679
tail_x(17)	945	1161	811	808	1090	849	1077	675
tail_x(18)	941	1161	807	807	1088	849	1061	675
tail_x(19)	939	1163	805	803	1088	846	1068	671
tail_x(20)	937	1163	801	801	1085	847	1067	666
tail_x(21)	935	1162	801	801	1084	842	1072	665
tail_x(22)	933	1162	795	797	1084	843	1069	661
tail_x(23)	929	1162	796	795	1084	838	1069	657
tail_x(24)	927	1161	794	795	1082	838	1069	653
tail_x(25)	925	1161	792	796	1079	837	1069	651
tail_x(26)	922	1161	788	794	1079	837	1069	647
tail_x(27)	922	1161	788	794	1079	837	1069	647
tail_x(28)	917	1161	784	789	1079	836	1072	637
tail_x(29)	917	1161	784	789	1079	836	1072	637
tail_x(30)	913	1161	780	786	1074	836	1072	635
tail_x(31)	910	1161	777	787	1074	838	1073	631
tail_x(32)	909	1159	771	784	1073	842	1076	629
tail_x(33)	903	1159	771	783	1072	846	1076	627
tail_x(34)	902	1157	766	783	1068	851	1077	621
tail_x(35)	903	1157	763	780	1068	859	1076	621
tail_x(36)	899	1155	759	781	1065	864	1078	619
tail_x(37)	898	1155	757	779	1066	872	1080	617
tail_x(38)	897	1159	753	779	1063	877	1081	613

tail_x(39)	893	1159	749	777	1064	880	1083	613
tail_x(40)	892	1157	747	777	1068	886	1080	611
tail_x(41)	892	1157	745	778	1068	890	1079	609
tail_x(42)	891	1155	739	778	1069	896	1080	606
tail_x(43)	890	1158	736	780	1069	902	1081	607
tail_x(44)	889	1159	733	781	1068	908	1081	607
tail_x(45)	889	1159	731	780	1071	914	1082	606
tail_x(46)	886	1158	727	781	1069	920	1085	606
tail_x(47)	885	1155	724	781	1072	926	1084	605
tail_x(48)	883	1145	721	780	1068	928	1084	601
tail_x(49)	881	1130	721	782	1054	928	1086	601
tail_x(50)	879	1130	717	782	1050	930	1088	600
tail_x(51)	877	1130	715	785	1048	930	1090	599
tail_x(52)	875	1130	713	786	1048	932	1095	599
tail_x(53)	873	1130	711	786	1048	936	1096	600
tail_x(54)	873	1130	707	786	1046	939	1099	598
tail_x(55)	869	1130	704	787	1047	945	1101	597
tail_x(56)	871	1130	705	787	1046	947	1102	594
tail_x(57)	867	1128	701	785	1046	948	1104	592
tail_x(58)	869	1126	699	785	1046	949	1104	589
tail_x(59)	864	1126	699	784	1046	950	1106	587
tail_x(60)	863	1126	697	783	1046	947	1119	582
tail_x(61)	863	1126	697	782	1045	946	1115	583
tail_x(62)	860	1126	697	781	1046	945	1108	583
tail_x(63)	857	1128	697	782	1046	941	1098	583
tail_x(64)	857	1128	694	782	1045	938	1096	580
tail_x(65)	858	1128	695	781	1045	936	1094	577
tail_x(66)	859	1128	695	780	1045	933	1094	574
tail_x(67)	857	1130	695	781	1045	928	1096	576
tail_x(68)	855	1131	696	784	1045	923	1105	575
tail_x(69)	853	1131	696	783	1046	920	1098	575
tail_x(70)	853	1132	696	783	1045	915	1098	575
tail_x(71)	852	1134	696	783	1045	914	1098	576
tail_x(72)	851	1132	696	782	1045	912	1098	578
tail_x(73)	849	1136	696	782	1045	912	1098	578
tail_x(74)	849	1135	696	780	1046	912	1098	578
tail_x(75)	847	1134	695	778	1045	910	1098	577
tail_x(76)	846	1136	694	777	1044	912	1098	574
tail_x(77)	844	1134	696	777	1044	915	1098	574
tail_x(78)	842	1134	694	777	1044	912	1098	573
tail_x(79)	839	1134	694	777	1042	919	1101	574
tail_x(80)	837	1136	694	778	1041	919	1101	577
tail_x(81)	839	1134	694	779	1040	920	1096	577
tail_x(82)	836	1134	694	780	1040	922	1096	579
tail_x(83)	836	1134	694	781	1042	928	1092	579
tail_x(84)	838	1134	694	780	1040	934	1094	580
tail_x(85)	838	1134	694	782	1047	942	1094	580
tail_x(86)	838	1134	694	785	1051	948	1094	580
tail_x(87)	839	1134	694	791	1051	952	1094	581
tail_x(88)	841	1134	694	792	1046	960	1094	580

tail_x(89)	841	1134	694	793	1050	966	1094	576
tail_x(90)	841	1134	694	791	1055	974	1094	575
tail_x(91)	841	1134	692	793	1056	980	1094	578
tail_x(92)	841	1134	691	794	1056	986	1094	580
tail_x(93)	841	1135	692	795	1049	994	1094	583
tail_x(94)	840	1134	703	794	1048	1004	1094	583
tail_x(95)	839	1134	703	797	1048	1010	1094	583
tail_x(96)	839	1133	705	796	1050	1016	1094	583
tail_x(97)	840	1132	705	800	1048	1024	1092	582
tail_x(98)	839	1132	703	801	1046	1032	1092	594
tail_x(99)	839	1132	688	806	1044	1040	1092	596
tail_x(100)	841	1132	684	806	1042	1046	1111	582
tail_x(101)	842	1133	687	812	1042	1050	1111	585
tail_x(102)	845	1133	689	816	1041	1059	1107	585
tail_x(103)	842	1133	691	820	1040	1066	1107	588
tail_x(104)	842	1133	692	828	1040	1072	1102	590
tail_x(105)	843	1133	692	830	1039	1078	1101	592
tail_x(106)	841	1133	686	836	1039	1082	1096	595
tail_x(107)	840	1133	688	836	1038	1088	1094	598
tail_x(108)	840	1133	692	836	1038	1096	1091	599
tail_x(109)	841	1133	693	836	1037	1100	1089	598
tail_x(110)	841	1132	694	838	1037	1104	1082	598
tail_x(111)	843	1132	701	841	1036	1107	1082	607
tail_x(112)	845	1132	702	846	1036	1107	1078	606
tail_x(113)	847	1132	705	847	1036	1108	1077	606
tail_x(114)	847	1132	705	845	1036	1110	1076	607
tail_x(115)	847	1132	705	841	1036	1111	1075	606
tail_x(116)	849	1133	705	837	1036	1110	1068	608
tail_x(117)	846	1132	705	833	1036	1113	1064	609
tail_x(118)	844		705	827	1036		1051	610
tail_x(119)	847		705	823	1036		1047	613
tail_x(120)	845		705	819	1036		1049	618
tail_x(121)	848		704	812	1036		1049	619
tail_x(122)	848		704	809	1036		1050	623
tail_x(123)	847		704	803	1036		1051	624
tail_x(124)	846		704	797	1036		1051	626
tail_x(125)	849	1136	704	795	1036	1134	1052	628
tail_x(126)	848	1136	704	789	1036	1133	1050	630
tail_x(127)	848	1132	704	781	1036	1134	1050	630
tail_x(128)	848	1134	701	779	1036	1137	1050	630
tail_x(129)	847	1134	703	773	1036	1133	1052	632
tail_x(130)	848	1132	703	771	1036	1134	1053	634
tail_x(131)	848	1133	701	767	1036	1134	1053	634
tail_x(132)	848	1132	701	761	1036	1134	1050	635
tail_x(133)	848	1132	700	761	1036	1132	1045	634
tail_x(134)	848	1131	698	755	1036	1135	1047	633
tail_x(135)	847	1130	697	755	1036	1136	1043	634
tail_x(136)	848	1130	696	754	1036	1136	1045	634
tail_x(137)	845	1130	699	754	1036	1135	1039	634
tail_x(138)	846	1130	688	755	1036	1133	1036	636

tail_x(139)	846	1129	688	757	1036	1129	1034	641
tail_x(140)	846	1129	688	755	1036	1127	1034	639
tail_x(141)	845	1130	688	755	1035	1125	1034	637
tail_x(142)	845	1132	689	756	1034	1117	1026	635
tail_x(143)	845	1133	690	754	1033	1119	1039	635
tail_x(144)	845	1132	692	755	1034	1112	1055	635
tail_x(145)	845	1132	690	757	1032	1109	1061	635
tail_x(146)	847	1132	692	761	1033	1109	1065	633
tail_x(147)	845	1132	692	761	1034	1113	1042	631
tail_x(148)	845	1133	691	761	1034	1113	1048	625
tail_x(149)	845	1131	691	758	1038	1108	1050	621
tail_x(150)	845	1130	689	761	1038	1104	1056	617
tail_x(151)	845	1130	690	761	1036	1107	1059	613
tail_x(152)	845	1130	689	761	1036	1111	1062	613
tail_x(153)	845	1128	688	764	1036	1113	1066	613
tail_x(154)	845	1128	688	767	1039	1112	1068	610
tail_x(155)	845	1128	688	766	1040	1114	1073	611
tail_x(156)	845	1128	687	765	1037	1109	1075	609
tail_x(157)	845	1129	686	759	1038	1104	1078	607
tail_x(158)	845	1128	685	758	1040	1099	1079	605
tail_x(159)	845	1128	687	752	1041	1100	1082	600
tail_x(160)	845	1128	686	751	1042	1098	1084	601
tail_x(161)	844	1128	687	751	1040	1102	1089	601
tail_x(162)	844	1128	686	752	1038	1102	1090	601
tail_x(163)	845	1128	685	752	1036	1108	1090	603
tail_x(164)	845	1128	686	752	1038	1113	1092	603
tail_x(165)	844	1128	688	754	1041	1106	1094	603
tail_x(166)	844	1128	688	752	1040	1104	1098	597
tail_x(167)	844	1128	686	754	1038	1102	1099	598
tail_x(168)	845	1128	688	753	1036	1100	1099	596
tail_x(169)	845	1128	688	755	1035	1099	1101	595
tail_x(170)	845	1128	688	755	1034	1092	1100	597
tail_x(171)	844	1128	687	755	1034	1091	1100	598
tail_x(172)	843	1128	688	754	1033	1087	1116	599
tail_x(173)	844	1129	687	756	1032	1081	1114	597
tail_x(174)	842	1128	687	756	1032	1079	1121	599
tail_x(175)	841	1128	688	756	1033	1069	1123	597
tail_x(176)	842	1128	688	756	1032	1066	1125	600
tail_x(177)	845	1128	687	754	1032	1061	1128	601
tail_x(178)	844	1128	688	754	1030	1052	1131	601
tail_x(179)	847	1128	688	753	1030	1051	1132	598
tail_y(0)	1071	981	976	799	796	706	548	
tail_y(1)	1075	980	974	800	797	709	550	882
tail_y(2)	1076	979	972	805	795	711	542	881
tail_y(3)	1078	978	968	808	797	714	545	880
tail_y(4)	1081	978	966	809	792	717	547	884
tail_y(5)	1080	979	964	810	792	720	544	886
tail_y(6)	1084	978	962	813	792	725	544	889
tail_y(7)	1085	978	962	814	790	725	557	894
tail_y(8)	1087	980	977	819	790	730	554	896

tail_y(9)	1089	979	977	818	790	734	554	896
tail_y(10)	1088	983	981	818	788	736	551	900
tail_y(11)	1091	983	984	820	786	740	555	902
tail_y(12)	1091	984	985	820	787	744	548	906
tail_y(13)	1096	983	985	826	790	748	548	908
tail_y(14)	1094	983	989	827	790	754	547	909
tail_y(15)	1098	982	989	828	788	758	546	911
tail_y(16)	1100	977	990	824	792	762	544	916
tail_y(17)	1099	982	988	825	792	768	546	917
tail_y(18)	1101	983	987	825	794	772	528	920
tail_y(19)	1098	984	985	822	794	776	524	923
tail_y(20)	1100	984	982	820	793	782	522	925
tail_y(21)	1102	986	979	821	794	784	545	926
tail_y(22)	1102	987	975	821	794	788	542	928
tail_y(23)	1103	987	973	819	798	792	539	929
tail_y(24)	1102	989	967	816	796	800	537	931
tail_y(25)	1102	988	965	813	796	801	533	931
tail_y(26)	1103	988	963	811	797	800	531	933
tail_y(27)	1103	988	963	811	797	800	531	933
tail_y(28)	1099	987	957	807	800	808	523	932
tail_y(29)	1099	987	957	807	800	808	523	932
tail_y(30)	1100	987	951	805	802	810	521	933
tail_y(31)	1097	988	951	803	804	819	517	932
tail_y(32)	1097	987	948	799	805	824	517	931
tail_y(33)	1096	988	946	795	806	828	513	929
tail_y(34)	1095	990	943	790	806	832	507	928
tail_y(35)	1095	989	942	787	808	834	504	927
tail_y(36)	1092	993	941	785	809	839	500	927
tail_y(37)	1093	991	941	781	810	841	499	926
tail_y(38)	1091	991	940	777	810	842	497	927
tail_y(39)	1089	990	939	771	808	843	494	926
tail_y(40)	1089	989	940	771	810	844	491	923
tail_y(41)	1085	979	941	765	810	845	485	921
tail_y(42)	1085	974	939	762	811	845	483	921
tail_y(43)	1081	976	940	758	811	846	477	921
tail_y(44)	1078	977	943	755	810	845	473	919
tail_y(45)	1077	977	944	750	811	844	469	919
tail_y(46)	1077	983	946	749	811	843	467	919
tail_y(47)	1075	984	946	745	812	839	465	920
tail_y(48)	1074	991	947	745	810	840	459	921
tail_y(49)	1075	977	949	739	823	842	457	921
tail_y(50)	1073	979	949	738	820	847	455	920
tail_y(51)	1072	979	951	733	823	844	452	921
tail_y(52)	1070	979	955	729	825	840	449	921
tail_y(53)	1070	979	956	724	828	843	445	919
tail_y(54)	1069	976	957	718	829	844	443	917
tail_y(55)	1068	977	958	715	825	848	439	915
tail_y(56)	1066	977	962	710	823	855	439	911
tail_y(57)	1066	975	963	705	823	860	439	909
tail_y(58)	1065	976	966	703	828	869	440	906

tail_y(59)	1065	977	969	696	830	876	440	905
tail_y(60)	1066	976	970	692	830	879	428	903
tail_y(61)	1066	976	972	689	828	886	422	901
tail_y(62)	1067	977	972	683	830	895	418	901
tail_y(63)	1069	977	974	682	830	900	423	901
tail_y(64)	1069	977	977	682	828	906	421	899
tail_y(65)	1067	977	980	683	828	914	416	895
tail_y(66)	1064	976	981	682	828	920	421	891
tail_y(67)	1064	974	981	681	829	924	426	886
tail_y(68)	1062	976	982	676	828	932	418	883
tail_y(69)	1063	978	982	671	830	938	428	879
tail_y(70)	1060	977	982	669	828	944	428	873
tail_y(71)	1059	977	982	662	829	950	428	872
tail_y(72)	1059	983	982	661	828	956	425	872
tail_y(73)	1062	981	982	655	829	964	426	873
tail_y(74)	1063	980	982	649	832	970	426	873
tail_y(75)	1061	983	981	644	833	974	426	869
tail_y(76)	1057	981	982	641	836	980	425	867
tail_y(77)	1055	983	982	633	836	988	423	867
tail_y(78)	1055	982	982	631	837	991	424	865
tail_y(79)	1052	982	982	625	837	996	420	867
tail_y(80)	1053	982	982	620	833	1000	420	867
tail_y(81)	1052	983	982	617	834	1006	424	867
tail_y(82)	1053	982	982	610	832	1011	424	862
tail_y(83)	1053	984	982	611	828	1014	424	862
tail_y(84)	1053	982	982	610	828	1015	428	863
tail_y(85)	1053	982	982	609	835	1013	428	861
tail_y(86)	1053	982	980	603	839	1016	428	863
tail_y(87)	1052	982	980	599	841	1015	428	862
tail_y(88)	1051	982	980	595	841	1011	428	863
tail_y(89)	1050	982	978	589	839	1009	428	860
tail_y(90)	1051	982	976	581	840	1006	425	855
tail_y(91)	1051	982	976	579	840	1006	425	852
tail_y(92)	1050	982	974	572	840	1007	427	848
tail_y(93)	1051	982	974	569	837	1006	425	847
tail_y(94)	1051	982	982	564	837	1004	427	843
tail_y(95)	1051	982	982	559	825	1005	427	843
tail_y(96)	1051	984	982	554	818	1005	427	843
tail_y(97)	1051	985	982	552	815	1003	424	844
tail_y(98)	1050	985	992	551	816	1001	424	830
tail_y(99)	1050	985	995	544	817	997	427	826
tail_y(100)	1050	982	993	545	820	994	430	840
tail_y(101)	1055	984	997	540	821	993	428	841
tail_y(102)	1055	984	1001	537	824	993	426	841
tail_y(103)	1055	984	1003	537	825	989	426	838
tail_y(104)	1055	984	1004	536	826	982	425	836
tail_y(105)	1054	984	999	536	829	983	423	834
tail_y(106)	1055	984	996	535	829	978	424	833
tail_y(107)	1057	984	999	535	827	975	426	830
tail_y(108)	1057	984	999	536	828	969	427	831

tail_y(109)	1055	984	999	533	829	965	430	827
tail_y(110)	1055	985	997	542	828	961	432	822
tail_y(111)	1057	985	990	543	829	953	436	806
tail_y(112)	1058	987	991	535	829	951	442	832
tail_y(113)	1059	987	991	534	829	952	445	831
tail_y(114)	1059	987	991	529	829	957	448	827
tail_y(115)	1057	987	995	524	829	955	466	824
tail_y(116)	1057	984	991	523	829	954	464	825
tail_y(117)	1032	984	993	521	829	952	464	819
tail_y(118)	1030		991	516	829		467	818
tail_y(119)	1029		993	515	828		474	815
tail_y(120)	1028		993	515	829		475	816
tail_y(121)	1026		991	515	829		475	815
tail_y(122)	1024		991	514	828		480	813
tail_y(123)	1023		991	511	828		486	813
tail_y(124)	1022		991	512	828		492	810
tail_y(125)	1025	980	991	511	827	994	494	806
tail_y(126)	1024	981	991	509	828	1000	499	808
tail_y(127)	1026	984	991	509	828	1006	497	809
tail_y(128)	1026	984	992	508	828	1012	497	809
tail_y(129)	1024	982	992	507	827	1020	496	805
tail_y(130)	1026	984	992	507	828	1028	502	804
tail_y(131)	1026	984	991	505	828	1034	507	804
tail_y(132)	1026	987	991	502	827	1042	510	800
tail_y(133)	1026	985	991	500	827	1048	516	801
tail_y(134)	1026	986	989	496	828	1057	518	803
tail_y(135)	1027	985	986	495	827	1064	524	808
tail_y(136)	1030	985	985	495	827	1068	552	805
tail_y(137)	1028	985	983	495	827	1075	555	804
tail_y(138)	1028	985	964	494	827	1082	560	803
tail_y(139)	1028	986	964	493	827	1091	565	805
tail_y(140)	1028	986	964	494	832	1094	570	808
tail_y(141)	1029	984	965	494	833	1100	571	811
tail_y(142)	1029	981	964	493	834	1104	560	812
tail_y(143)	1029	980	966	497	832	1110	561	814
tail_y(144)	1029	981	966	497	828	1116	547	814
tail_y(145)	1029	980	968	499	828	1118	545	814
tail_y(146)	1031	981	968	499	826	1118	541	818
tail_y(147)	1029	980	970	499	829	1121	543	822
tail_y(148)	1029	980	973	499	832	1121	544	822
tail_y(149)	1029	982	974	501	834	1118	542	820
tail_y(150)	1029	980	978	506	837	1118	543	818
tail_y(151)	1029	981	978	509	837	1118	541	817
tail_y(152)	1029	978	982	509	837	1116	539	814
tail_y(153)	1029	985	982	507	837	1112	535	814
tail_y(154)	1029	980	984	505	837	1114	531	813
tail_y(155)	1029	981	986	500	836	1114	527	813
tail_y(156)	1029	979	988	498	833	1112	525	815
tail_y(157)	1029	980	988	500	830	1113	519	813
tail_y(158)	1029	979	990	502	823	1110	517	812

tail_y(159)	1029	981	992	504	820	1107	510	811
tail_y(160)	1029	981	992	508	816	1111	506	809
tail_y(161)	1028	981	992	512	816	1109	501	807
tail_y(162)	1028	979	995	518	817	1109	494	811
tail_y(163)	1029	979	996	520	819	1106	492	806
tail_y(164)	1029	981	998	528	819	1118	491	806
tail_y(165)	1028	980	1000	534	816	1108	487	807
tail_y(166)	1028	979	1000	536	815	1108	479	811
tail_y(167)	1028	981	1002	544	816	1108	478	810
tail_y(168)	1029	981	1001	545	817	1110	473	807
tail_y(169)	1029	981	1000	552	820	1112	471	801
tail_y(170)	1029	981	1000	556	822	1112	473	797
tail_y(171)	1028	981	1000	562	825	1116	470	792
tail_y(172)	1028	981	1000	564	825	1114	452	791
tail_y(173)	1028	980	1000	572	825	1116	469	791
tail_y(174)	1028	981	1000	572	824	1115	469	787
tail_y(175)	1029	980	1001	572	825	1113	475	783
tail_y(176)	1028	981	1001	572	825	1113	476	781
tail_y(177)	1030	980	1000	572	826	1111	481	783
tail_y(178)	1028	981	1001	578	826	1108	484	781
tail_y(179)	1026	981	1001	580	827	1107	489	778
radius_1(0)	3.94409	3.44188	2.83242	2.96182	3.14851	2.92338	3.27267	
radius_1(1)	2.94241	3.06372	2.57207	2.49883	3.09351	3.22	2.8108	2.46198
radius_1(2)	3.19141	3.11045	3.18984	2.46732	2.91382	3.23914	3.70241	2.12335
radius_1(3)	2.94128	2.25439	2.81195	3.09106	2.94849	2.92355	3.4136	2.13696
radius_1(4)	3.05444	2.44824	3.21249	3.09601	3.19152	2.46691	2.19944	2.41627
radius_1(5)	2.94104	3.42932	3.20401	2.51457	3.07617	2.69502	2.30078	2.15923
radius_1(6)	2.39333	3.11689	2.79425	2.96985	3.30105	2.80542	3.05308	2.87905
radius_1(7)	2.79785	2.33242	3.11975	2.98364	2.53955	2.79761	3.48548	2.08925
radius_1(8)	3.0423	2.98393	3.15424	3.19006	2.89757	2.92748	3.20359	2.46019
radius_1(9)	3.26953	3.04987	3.11926	3.02838	2.57819	3.00477	3.80245	2.36974
radius_1(10)	3.13745	2.89502	3.00166	3.21061	3.32611	2.63642	2.94128	2.36422
radius_1(11)	3.14221	3.4014	3.01117	3.44755	2.70184	2.82938	4.35114	3.11148
radius_1(12)	3.23816	2.69999	3.19864	2.99896	2.40759	2.51571	3.38267	2.2571
radius_1(13)	3.57934	2.35736	3.41372	3.24514	2.30466	2.77336	3.68412	2.86188
radius_1(14)	2.96985	2.70668	3.48973	2.88397	2.52239	3.0769	3.22806	2.96045
radius_1(15)	3.08923	3.81409	3.4899	3.28741	2.65213	3.00729	3.50265	2.29362
radius_1(16)	2.96985	2.95532	3.23822	3.51817	2.8338	3.00122	3.27575	2.34376
radius_1(17)	2.96985	3.27218	2.08745	3.96651	2.31251	3.17578	3.39439	2.13725
radius_1(18)	2.9796	3.12048	2.87858	2.89226	2.63659	2.69149	3.36816	2.62488
radius_1(19)	3.52871	3.26764	2.92773	3.26565	2.86679	3.02949	3.19305	2.30375
radius_1(20)	3.4522	3.37652	3.06804	3.13369	2.35489	3.17549	3.90246	2.15814
radius_1(21)	4.02823	3.48584	3.0024	3.21161	2.79032	2.41614	2.89185	3.09558
radius_1(22)	3.091	3.33838	2.88894	2.77586	1.88438	2.11743	2.72959	3.0961
radius_1(23)	3.46667	3.20154	2.89109	3.18481	2.54939	2.08226	2.47958	2.26093
radius_1(24)	3.2831	3.40045	2.70827	3.49889	2.39076	1.76328	3.02635	3.10632
radius_1(25)	3.38664	3.3255	2.90715	3.14327	2.95389	3.57867	3.32458	2.30798
radius_1(26)	3.68039	3.22009	2.83387	3.16135	2.76205	3.52074	2.54392	2.52757
radius_1(27)	3.68039	3.22009	2.83387	3.16135	2.76205	3.52074	2.54392	2.52757
radius_1(28)	3.37822	3.40692	3.42962	2.43425	1.94541	2.59589	3.05371	2.78605

radius_1(2)	3.37822	3.40692	3.42962	2.43425	1.94541	2.59589	3.05371	2.78605
radius_1(3)	3.49764	3.40692	3.22277	2.96869	3.06529	2.91267	2.60291	3.25195
radius_1(3)	3.03668	3.12132	3.31847	3	3.00038	2.84894	3	2.67785
radius_1(3)	3.3975	3.49423	2.8553	3.29209	2.30217	3.21068	2.82568	2.75398
radius_1(3)	3.40047	3.20081	3.2771	3.24676	2.62014	3.57364	2.93176	3.42108
radius_1(3)	3.18323	3.15393	3.09613	2.9704	2.91345	2.89398	2.40512	3.03934
radius_1(3)	3.5293	3.44159	2.56721	2.9588	2.69731	3.16632	3.08081	2.7958
radius_1(3)	3.35332	3.78284	2.62481	4.22937	2.74011	3.4187	3.15055	2.81466
radius_1(3)	3.46481	3.23822	2.84558	3.16998	1.89986	3.23907	3.14096	1.94971
radius_1(3)	3.26027	2.65998	3.23828	2.98924	1.68473	3.56549	3.97559	2.44969
radius_1(3)	3.5301	3.20671	3.48468	3.31262	2.20518	3.88702	2.99146	2.29412
radius_1(4)	3.38577	3.99072	2.43934	2.96985	3.70942	3.38092	2.91833	2.02869
radius_1(4)	3.04958	3.40151	3.00887	3.13959	3.23474	3.46978	3.43286	2.49723
radius_1(4)	3.37313	2.68884	2.73961	2.96985	2.3811	2.96208	2.55164	1.83069
radius_1(4)	3.23331	3.33345	2.53468	3.40015	2.91574	2.67224	3.01653	2.53455
radius_1(4)	3.46149	3.8882	3.27905	2.76986	2.51587	2.9657	2.8394	3.20947
radius_1(4)	3.5288	3.32131	2.69641	2.0929	3.0769	3.20001	3.13217	2.76157
radius_1(4)	3.79051	3.78566	3.38586	2.87459	2.97852	3.96043	2.71764	2.3688
radius_1(4)	3.53178	3.40222	2.97115	3.2785	3.00122	2.36963	2.50134	3.15842
radius_1(4)	3.19247	3.2814	2.40472	3.12721	3.65295	2.8772	3.26776	3.13683
radius_1(4)	3.39561	2.76038	2.43079	2.98255	2.74109	3.21771	3.04627	1.97241
radius_1(5)	2.97184	3.16492	2.83492	3.15393	2.49609	4.01994	2.76397	2.29376
radius_1(5)	3.55485	2.97646	2.73108	3.38525	2.91992	3.16431	3.31836	2.79962
radius_1(5)	3.30141	3.36799	2.87927	2.75729	2.62817	2.16128	3.15942	1.97034
radius_1(5)	3.13422	3.31921	2.30779	2.97821	2.95203	3.25934	2.92871	2.3656
radius_1(5)	3.15235	2.99353	2.9456	2.73193	2.96985	3.20001	2.27478	2.78324
radius_1(5)	3.78546	3.41152	2.98522	2.97046	2.87964	3.0769	2.98973	2.72148
radius_1(5)	3.44184	3.24019	2.56335	2.88336	2.70721	3.00989	3.23859	2.66788
radius_1(5)	4.03445	3.22803	2.46118	2.82542	2.95475	2.98609	2.67103	2.76006
radius_1(5)	3.55772	3.56536	2.74574	2.94703	2.99787	2.59421	2.73123	2.51937
radius_1(5)	3.89585	2.60583	2.31567	2.96985	2.29346	2.34764	3.13988	2.77229
radius_1(6)	3.31176	2.08911	3.09119	2.3055	2.86548	2.67327	2.34856	2.70007
radius_1(6)	3.18783	2.13905	3.09009	2.39093	2.82056	2.97382	2.95085	1.69517
radius_1(6)	3.16711	2.50664	2.86308	2.40166	3.02673	2.93384	2.9574	2.28113
radius_1(6)	3.46851	3.91818	3.135	3.55029	2.63928	2.95838	2.83383	2.84631
radius_1(6)	3.26074	3.53316	3.42297	2.92687	2.74548	2.78368	2.8506	2.3523
radius_1(6)	3.66702	3.06446	2.79241	4.28357	3.06384	3.29828	2.75427	2.62813
radius_1(6)	3.91406	2.72925	3.3269	3.25513	2.53197	2.33242	3.09628	2.5976
radius_1(6)	3.14862	3.06588	2.96985	2.75708	2.80447	2.65402	2.2511	2.29395
radius_1(6)	3.77648	3.4902	2.22988	2.75397	3.52637	2.9565	3.07814	2.96985
radius_1(6)	3.81555	3.40138	2.66766	2.8465	3.10742	2.8432	2.47684	2.99927
radius_1(7)	3.40002	2.9595	3.1861	2.869	2.93469	2.94128	2.52904	3.15393
radius_1(7)	3.68606	3.39675	2.8693	3.17456	2.81812	3	2.52904	2.53888
radius_1(7)	2.58958	3.85762	2.8693	2.78834	2.55502	2.91162	2.55308	2.94741
radius_1(7)	4.13436	3.13489	2.7791	3.31274	2.77444	3.54171	2.60606	1.79034
radius_1(7)	3.38201	3.07106	2.7791	3.28125	2.83925	3.4862	2.60606	2.71708
radius_1(7)	3.3528	3.05688	3.54671	2.96985	2.81079	2.99091	3.02661	3.13348
radius_1(7)	3.48866	3.08044	2.89895	3	2.94306	3.52207	2.77246	2.47953
radius_1(7)	3.54093	2.61229	3.00159	3.22699	2.9469	3.36865	3.08667	3.53299
radius_1(7)	3.54093	2.77551	2.91807	2.96985	2.87648	3.18213	3.7179	3.367

radius_1(7)	3.21896	2.77319	2.91807	2.69028	2.73853	3.15004	3.72237	2.47293
radius_1(8)	3.20258	2.88181	3.14853	2.64474	2.21703	3.59784	3.25714	2.74953
radius_1(8)	3.53727	3.04834	2.74566	2.83583	2.24777	4.25659	2.77344	2.12135
radius_1(8)	3.35783	2.48218	2.69916	2.80447	2.32175	4.18541	2.96984	2.64621
radius_1(8)	3.59143	3.0332	2.69916	2.93878	3.19173	4.03785	3.12573	3.09722
radius_1(8)	3.56553	2.50049	2.69916	3.78469	2.70372	2.62778	3.12573	2.28388
radius_1(8)	2.34293	2.50049	3.14853	2.91223	2.84388	3.28183	3.12573	3.0522
radius_1(8)	3.1627	2.37085	2.97657	3.13055	3.48176	3.88705	1.99031	2.50483
radius_1(8)	3.09808	3.21301	3.49366	3.11316	3.1924	2.97095	3.12573	3.01571
radius_1(8)	3.27253	3.29803	3.50417	2.96985	2.81772	3.20001	2.33801	2.52848
radius_1(8)	2.30327	2.90552	2.47268	2.96985	3.00208	3.13654	2.31616	2.3524
radius_1(9)	3.08477	2.9071	3.27191	2.96985	2.40114	3.07776	2.38745	2.70266
radius_1(9)	2.3894	3.57263	3.0604	2.96985	2.34126	2.99023	2.34607	3.00676
radius_1(9)	2.90833	2.62424	3.56177	3.0769	3.02035	3.13119	2.96422	2.68418
radius_1(9)	2.81048	2.89965	2.68304	3.09864	2.46815	2.78635	2.75644	2.80676
radius_1(9)	3.31933	2.94207	2.96153	3.12011	3.24304	2.6626	2.99564	2.68384
radius_1(9)	2.26068	2.60803	2.98436	3.57921	2.83702	2.89002	3.00476	3.25671
radius_1(9)	0.698561	2.79289	2.9306	3.1417	3.69116	2.8444	2.68774	2.1802
radius_1(9)	1.85699	2.72583	3.211	3.14276	1.6896	3.24158	2.91357	3.22644
radius_1(9)	3.69984	2.31335	2.85285	3.64124	3.70299	3.27291	2.91357	2.46606
radius_1(9)	3.37766	2.30847	2.34639	4.10919	2.4552	3.9013	2.88231	2.74497
radius_1(10)	1.94842	2.45911	2.73818	3.0769	2.52283	3.89625	3.65795	2.66937
radius_1(10)	3.33539	2.71167	3.23712	3.5402	2.75708	3.1525	2.87115	3.3031
radius_1(10)	3.71453	3.26123	2.96472	3.62733	3.37817	2.90016	3.54842	2.28662
radius_1(10)	3.76905	2.41992	3.23822	3.35571	3.11483	2.95264	3.06788	2.5033
radius_1(10)	3.4956	3.09814	3.31495	3.61072	3.27671	3.38212	2.71917	3.09424
radius_1(10)	3.31442	2.96667	3.25684	3.55763	2.75185	3.44629	3.13073	2.34971
radius_1(10)	2.94363	3.26316	2.93243	2.99805	2.8771	3.08005	2.71464	2.3064
radius_1(10)	3.04685	2.47766	3.23822	3.90472	3.04137	3.05251	3.18259	2.81089
radius_1(10)	2.45119	2.40991	3.03015	3.31342	2.78764	2.87142	3.3334	2.42596
radius_1(10)	1.27261	2.48083	2.82687	4.39369	2.81945	2.9456	3.51093	4.09922
radius_1(11)	3.72769	2.28589	2.97438	3.16938	2.05576	2.85776	3.37943	3.43679
radius_1(11)	3.24585	3.0769	3.12579	3.23084	2.29615	3.04291	3.16864	2.10641
radius_1(11)	3.33838	3.08462	3.23822	3.92927	2.89775	2.86499	2.8895	3.24866
radius_1(11)	4.18597	2.14987	3.13574	3.30005	2.89775	3.47373	2.34244	2.36716
radius_1(11)	2.40177	2.94397	3.15393	3.18955	3.31288	3.25083	2.78837	3.38989
radius_1(11)	2.96179	3.0769	3.0769	3.43001	3.31288	3.39225	3.2744	3.18996
radius_1(11)	3.04677	3.24137	3.11145	3.10506	2.89779	3.85561	2.91334	3.27583
radius_1(11)	3.00312	3.26245	3.45185	4.06317	2.64159	3.38987	3.64608	2.9182
radius_1(11)	3.41404		3.10123	3.02817	2.84958		3.87562	2.27482
radius_1(11)	3.36444		3.18541	3.97793	2.70784		3.40671	2.4455
radius_1(11)	3.1772		3.11657	3.51291	2.84862		3.49683	2.39433
radius_1(11)	2.83502		3.32848	3.84229	2.84369		3.16664	2.91718
radius_1(11)	3.15393		3.35187	2.71001	2.81261		3.20081	2.85445
radius_1(11)	3.15393		3.35187	3.912	2.83326		3.41	2.35114
radius_1(11)	2.96985		3.51881	3.27414	2.82124		3.48911	2.5414
radius_1(11)	3.13959	4.69364	2.83797	2.94742	3.10249	3.12952	2.90498	2.48711
radius_1(11)	3.15393	2.98574	2.86544	3.22689	2.82124	3.85193	3.54194	2.9678
radius_1(11)	3.15668	2.83093	3.35187	3.87118	3.09538	3.55968	3.73071	2.54754
radius_1(11)	3.13959	3.04262	2.96985	3.5301	2.81865	3.78205	3.19883	2.69317

radius_1(1	3.0769	2.57227	3.13672	3.23863	3.10249	3.77309	2.96671	2.30768
radius_1(1	3.15393	3.0769	2.86283	3.46424	2.82124	3	2.99221	2.30231
radius_1(1	3.17975	2.44727	3.0968	3.51575	3.14227	3.29152	2.35981	3.15824
radius_1(1	3.0769	3.05212	2.92981	3.50536	3.10678	3	2.84319	1.90833
radius_1(1	3.16632	1.83582	3.18435	3.42436	2.79753	3.9845	2.72421	2.48883
radius_1(1	3.15393	3.10083	2.70007	3.48023	2.81865	3.58144	2.74172	2.92143
radius_1(1	2.94128	3.68172	2.90662	3.14845	2.98876	2.89688	2.89392	3.38379
radius_1(1	2.94128	2.38843	3.1604	3.40002	3.10249	2.76835	4.32727	2.34756
radius_1(1	2.96985	2.55969	3.03127	3.35596	3.10249	2.59017	2.46606	2.51113
radius_1(1	2.9657	3.0802	3.06799	4.06763	3.32052	2.56448	2.40649	2.40086
radius_1(1	2.94128	3.11987	3.0769	3.10414	2.99165	3.14063	2.76245	2.60456
radius_1(1	3.32967	2.09753	2.8769	3.36265	2.79565	2.97284	2.65364	2.60681
radius_1(1	3.24853	3.67859	2.40444	3.32918	2.50817	2.90956	2.40987	2.86144
radius_1(1	3.11198	4.17145	3.117	3.13959	2.76613	2.80046	3.26013	2.47253
radius_1(1	2.94128	4.05777	3.09411	3.46878	2.71109	3.46258	3.18337	2.24108
radius_1(1	2.94128	3.04022	2.72951	3.12833	3.23773	2.94128	2.19339	3.48486
radius_1(1	2.94128	3.19614	2.47695	3.51567	2.04468	2.82751	2.99263	2.86213
radius_1(1	2.96985	3.27654	2.2355	4.03875	3.15919	2.76062	3.69452	3.38281
radius_1(1	2.95251	3.34851	2.60223	1.28494	3.05811	3	3.50183	2.57214
radius_1(1	2.94128	3.15393	3.0484	2.58954	2.06418	2.94128	2.72262	2.82107
radius_1(1	2.95233	3.38142	2.31476	3.77599	3.18384	4.32471	2.82946	2.89217
radius_1(1	2.94128	3.74908	2.809	3.03254	2.54846	4.32178	2.78419	2.38599
radius_1(1	3.13462	3.09486	3.22131	3.53452	2.95315	3.42184	2.76818	2.8014
radius_1(1	3.09828	3.23822	2.66654	1.47467	2.94612	3.95632	3.14676	2.5867
radius_1(1	2.94128	3.41791	3.04832	2.80637	2.34574	2.21721	2.76965	3.67252
radius_1(1	3.11474	2.84325	3.36377	4.36353	3.04871	2.79727	2.97547	3.40002
radius_1(1	3.10221	2.6413	2.35382	2.95514	3.07428	2.33496	2.50623	2.99597
radius_1(1	2.94128	2.86899	3.01587	2.96727	2.72688	3.11809	2.80578	2.1955
radius_1(1	2.94128	2.87245	2.94263	2.96985	2.22667	3.10233	2.21089	2.44829
radius_1(1	2.94128	2.71753	2.44147	3.19226	2.29201	3.54028	2.67372	2.56073
radius_1(1	3.10489	2.91821	2.23584	2.24695	2.55028	4.79492	2.14129	2.9794
radius_1(1	2.94128	3.18867	3.0769	3	2.99174	2.95693	2.7782	3.39862
radius_1(1	3.0769	3.26154	3.40295	3.0769	3.22399	3.07196	2.89221	3.39888
radius_1(1	3.43725	2.40289	3.44543	2.61713	2.84592	3.53757	3.15393	3.45197
radius_1(1	2.94128	2.99459	3.08211	2.96985	2.92765	2.84394	2.97775	2.43351
radius_1(1	3.10489	3.26154	3.04232	2.86548	2.86414	3.86923	2.91516	2.34971
radius_1(1	3.42526	2.42968	2.35693	2.96985	3.00089	3.11621	2.65015	1.8233
radius_1(1	3.43725	2.99329	3.226	2.0202	2.36582	3.25232	3.12041	2.28094
radius_1(1	3.44787	2.57605	3.16523	1.96118	2.89817	3.41878	3.06981	2.5753
radius_1(1	3.1008	2.92896	3.24426	3	2.35425	3.00439	3.08887	2.8999
radius_1(1	3.01671	2.89691	2.99053	2.89398	2.12141	3.68206	2.63872	2.32367
radius_1(1	3.0275	2.88556	2.96092	2.4955	3.03269	3.47658	3.41636	2.61578
radius_1(1	3.43725	2.5603	3.08369	3.23822	2.72705	3.56065	2.84705	2.80569
radius_1(1	3.42114	2.896	3.27456	3.13959	3.36638	3.10218	2.56887	2.21834
radius_1(1	2.99804	3.31067	3.76862	2.66939	3.26092	3.77196	2.98816	3.23822
radius_1(1	2.96985	2.91803	3.85999	3.19305	2.89735	3.93501	3.48169	3.30664
radius_1(1	2.96985	2.79889	2.96985	3.15799	3.121	2.78035	2.83215	3.31616
radius_1(1	2.96985	2.91803	3.64618	2.74731	2.61003	3.01761	3.83435	2.76977
radius_1(1	2.88788	2.52985	3.41954	3.25021	2.58316	3.89134	3.04958	2.98109
radius_1(1	2.96985	3.16467	3.64618	2.87238	3.03705	3.35925	3.14537	1.94403

radius_1(1:	3.0769	2.55701	3.64209	2.84324	3.02926	3.44803	2.98119	2.64233
radius_2(0)	3.43251	2.89567	2.97571	3.97736	4.18632	3.67938	4.90917	
radius_2(1)	3.84071	4.07532	2.96985	2.94128	3.67485	3.44271	5.13151	3.77151
radius_2(2)	3.74822	3.84283	3.0769	2.95266	3.72721	2.93188	5.45205	2.96149
radius_2(3)	3.5733	3.82611	3.0769	2.94546	3.61512	2.92676	5.48142	2.55737
radius_2(4)	3.47318	4.25659	3.18591	3.16114	3.2009	3.76385	4.81451	2.37512
radius_2(5)	3.59985	3.64648	3.20001	3.80093	3.80396	2.84327	4.55911	2.95972
radius_2(6)	4.04782	4.13474	3.0769	2.8598	3.89081	2.73152	3.7086	3.14402
radius_2(7)	3.93222	4.18079	3.0769	3.78345	3.57733	3.5127	3.49109	3.33221
radius_2(8)	4.04272	3.98192	3.3454	3.48756	2.96985	3.74826	3.74841	3.1178
radius_2(9)	3.65969	3.53445	3.99475	3.36822	3.0769	3.19804	4.22814	3.34783
radius_2(10)	3.79895	3.47017	4.38031	3.58331	2.94275	2.72998	3.90039	2.85593
radius_2(11)	3.64019	3.2175	4.0484	3.83704	3.74222	3.47629	4.13017	3.0418
radius_2(12)	3.79248	3.42854	3.10645	3.57806	2.50983	2.70886	3.94427	2.44378
radius_2(13)	3.37862	3.43279	3.43994	3.82949	2.71237	3.41775	3.81256	3.02239
radius_2(14)	3.27413	3.43619	3.83594	3.54469	2.76328	3.67148	3.64301	2.42894
radius_2(15)	4.19995	3.82835	3.3772	4.22339	3.05308	2.94128	4.33355	2.92669
radius_2(16)	3.59668	3.67678	4.17777	4.26858	2.7028	3.28332	4.17423	2.88098
radius_2(17)	4.00745	3.66681	3.48664	4.2246	3.19398	3.50293	4.62249	3.13145
radius_2(18)	3.90479	3.27449	3.00177	3.99276	3.2052	3.57994	4.65983	2.39419
radius_2(19)	4.03833	3.6961	3.41723	4.18329	3.06869	3.58276	4.28044	2.58945
radius_2(20)	4.29126	3.54111	3.53304	3.49984	2.79999	2.86093	4.17224	2.94677
radius_2(21)	4.10626	4.1937	3.26541	4.14372	3.4291	3.96492	3.8114	3.17554
radius_2(22)	3.50292	3.32419	3.57161	3.29415	2.95864	3.46289	3.23669	3.0769
radius_2(23)	3.78581	3.53519	3.55344	2.72565	3.56244	4.15363	3.40101	2.84742
radius_2(24)	4.1164	3.2701	3.59514	3.43197	2.32945	3.04266	2.98187	3.23822
radius_2(25)	3.40547	4.10535	3.70277	3.44795	3.52515	4.26746	2.99378	2.86342
radius_2(26)	4.19676	3.54775	3.28757	3.65119	2.45674	2.96796	3.31089	2.88818
radius_2(27)	4.19676	3.54775	3.28757	3.65119	2.45674	2.96796	3.31089	2.88818
radius_2(28)	4.08956	4.19996	4.10596	3.54637	2.7589	4.16366	2.9762	3.19113
radius_2(29)	4.08956	4.19996	4.10596	3.54637	2.7589	4.16366	2.9762	3.19113
radius_2(30)	4.20833	4.19996	4.03043	3.38955	3.46933	3.9475	3.3733	2.84167
radius_2(31)	3.20779	4.10828	4.17549	3.57386	2.47293	3.6525	3.38354	3.58901
radius_2(32)	3.39278	3.64471	3.3698	3.00063	3.0304	3.40296	2.45804	3.06632
radius_2(33)	4.05281	3.98779	3.81128	3.32733	3.1882	3.62189	3.72159	3.10602
radius_2(34)	3.99481	3.75184	2.89825	3.0769	2.39331	3.68478	3.26219	2.62921
radius_2(35)	4.00519	3.44159	4.20526	3.35577	2.95363	3.80687	2.98624	2.72553
radius_2(36)	3.33667	4.02771	3.27277	3.13971	2.79224	3.41914	3.24243	2.83059
radius_2(37)	3.26948	3.72099	3.16278	3.48068	2.81213	3.62343	3.18795	2.87713
radius_2(38)	3.98559	3.68864	3.25745	3.12946	2.77047	4.13698	3.0769	3.2041
radius_2(39)	3.67911	3.56543	4.13794	2.95372	2.53174	3.40314	2.96985	3.51672
radius_2(40)	3.88094	4.3489	3.39306	3.90472	3.58643	4.11908	2.854	2.59009
radius_2(41)	4.12137	2.58933	3.08944	3.25452	3.35327	3.94482	3.35876	3.46634
radius_2(42)	4.04252	3.74262	3.29027	2.8833	3.0769	4.23608	2.64865	2.80387
radius_2(43)	3.7409	4.01028	3.19867	4.11908	2.95203	3.22284	3.09905	3.11993
radius_2(44)	3.14963	3.64008	3.35706	2.96027	3.11892	3.37415	3.08996	3.14166
radius_2(45)	4.24501	4.11908	3.28497	3.72937	2.96729	3.82849	3.20304	2.50689
radius_2(46)	3.39833	3.74406	3.26891	4.12396	3.0769	4.13434	3.43435	3.27173
radius_2(47)	3.40599	3.45353	3.34072	4.0022	2.83948	4.02112	2.88264	4.04269
radius_2(48)	4.17592	3.82855	3.56897	3.42803	3.36085	3.68909	2.95264	3.48354

radius_2(4)	4.176	2.84293	3.09584	3.26707	3.11531	2.65277	3.07838	2.82368
radius_2(5)	3.77795	3.40773	3.12697	3.46011	3.64032	3.44518	3.58063	2.42675
radius_2(5)	3.39551	3.38478	3.32082	3.64148	3.58991	4.16194	3.71386	2.83679
radius_2(5)	3.88718	3.53395	3.82684	3.20001	3.42352	3.42163	3.65847	3.04081
radius_2(5)	3.5869	4.01432	4.03997	3.42871	2.7166	3.54454	3.41018	3.36471
radius_2(5)	3.7124	4.01364	3.39913	3.8868	3.04797	4.07972	3.33289	3.48715
radius_2(5)	4.14071	3.77126	3.08368	2.96985	3.55267	4.09344	3.4101	2.76054
radius_2(5)	3.53665	3.5282	3.21733	2.987	3.54045	3.97552	3.01741	2.70591
radius_2(5)	4.10678	4.38348	3.29406	3.25708	3.41824	3.20627	3.04315	3.14754
radius_2(5)	3.40855	3.78043	3.16132	3.8197	3.18735	3.01938	3.44253	3.21202
radius_2(5)	3.80346	4.17445	3.0769	2.97003	2.89326	3.15613	2.75246	2.80508
radius_2(6)	3.76087	3.90136	2.96796	3.90472	2.14148	3.19812	3.1797	3.35444
radius_2(6)	3.78222	3.97404	3.06744	4.01337	2.93921	3.07188	3.80855	2.66855
radius_2(6)	4.02588	4.17113	2.95874	3.14484	2.56241	3.07654	4.02075	3.50185
radius_2(6)	3.46668	3.23584	3.1983	3.64697	3.19893	3.0462	3.64063	2.85431
radius_2(6)	3.82825	3.80029	2.94128	3.04185	2.13733	3.38475	4.37512	2.96539
radius_2(6)	3.62706	3.57852	3.30421	2.99469	2.97853	3.44995	3.59111	2.96985
radius_2(6)	3.53845	3.90082	3.35516	3.74298	2.89949	3.20667	3.97202	3.13959
radius_2(6)	4.04901	3.54097	3.63794	3.25884	3.19524	3.27813	3.20961	3.10529
radius_2(6)	4.07268	4.23353	3.16321	3.23822	3.30602	3.06637	4.67712	2.93842
radius_2(6)	4.22749	4.2142	3.22192	3.61847	3.19807	3.2569	4.78421	3.20001
radius_2(7)	4.20518	3.20002	3.06567	2.6709	2.2843	3.04706	4.51294	3.00025
radius_2(7)	3.97511	4.21789	3.58307	3.45269	2.60301	3.13542	4.51294	3.32505
radius_2(7)	3.40294	4.14277	3.58307	3.26191	3.01781	3.00089	4.48499	2.90869
radius_2(7)	3.53873	4.0369	3.75535	2.94128	2.90182	4.24677	3.53394	2.10582
radius_2(7)	3.41172	3.59068	3.75535	3.66785	2.66999	3.88367	3.53394	2.5387
radius_2(7)	3.41729	4.21183	3.70544	2.91309	3.31159	4.08734	4.07874	3.32947
radius_2(7)	4.01221	3.77823	3.75879	3.44983	2.72735	3.64942	4.4762	3.22335
radius_2(7)	4.17618	4.23552	3.48364	3.18542	3.39229	3.51083	3.88806	2.94011
radius_2(7)	4.29426	4.23713	3.74725	3.34971	2.31299	3.35752	3.15788	3.1421
radius_2(7)	3.56497	3.45555	3.74725	3.41044	2.82872	3.68145	3.16938	3.91727
radius_2(8)	3.90054	3.66257	3.45038	3.35067	2.81353	4.04198	3.24288	3.4932
radius_2(8)	3.7086	3.57254	3.68262	3.29266	2.76946	3.85322	3.6707	2.67629
radius_2(8)	3.24132	4.02829	4.40887	3.57597	2.8157	4.19122	3.89634	2.51143
radius_2(8)	3.06662	3.60928	4.40887	3.92659	2.39126	4.27704	4.20679	2.98883
radius_2(8)	3.28762	3.61662	4.40887	3.49097	3.04052	3.36856	4.18192	2.8818
radius_2(8)	4.3504	3.61662	3.45038	3.68456	2.81168	3.54122	4.18192	2.92718
radius_2(8)	4.41547	3.61831	4.17413	3.52163	2.96041	3.49567	3.66614	4.03357
radius_2(8)	4.05438	3.52678	3.93233	3.18036	3.01181	2.8061	4.0991	3.40118
radius_2(8)	3.49555	3.60612	3.93341	2.99097	3.06168	3.26489	4.07925	3.13224
radius_2(8)	3.64503	3.58839	4.02448	3	3.06921	3.263	3.98111	3.01558
radius_2(9)	3.34743	3.76827	3.42842	2.93408	3.08699	4.3172	4.13849	3.11618
radius_2(9)	3.64148	3.81346	2.94128	3.9032	2.92143	3.97552	4.12998	2.37695
radius_2(9)	3.56061	3.49704	3.45043	3.22928	3.05815	3.97552	4.16573	3.12071
radius_2(9)	3.64601	3.52265	4.16504	4.02075	2.77465	4.21411	4.23864	3.83747
radius_2(9)	3.48573	3.55111	4.90376	3.10272	2.91846	3.9845	4.19663	3.72237
radius_2(9)	5.57399	3.89548	4.87384	3.30058	3.07412	3.17853	4.33311	3.38216
radius_2(9)	4.22416	3.51333	3.70557	3.60498	3.75372	3.86975	4.1612	3.27264
radius_2(9)	5.54837	3.75815	4.10902	3.72345	3.71048	3.77582	4.04558	3.64783
radius_2(9)	5.8757	3.32471	4.02309	3.21376	3.49673	3.6347	4.04558	4.03365

radius_2(9)	5.49749	3.73629	3.45436	4.08511	3.3749	3.88395	4.03339	2.54004
radius_2(10)	4.30265	3.3534	3.83678	4.00232	3.61335	3.80376	3.84446	3.28958
radius_2(10)	3.70243	3.53826	2.93745	4.25659	2.84187	3.19658	4.04785	3.20157
radius_2(10)	4.91535	3.00805	2.96985	3.97552	2.95203	4.01438	3.71436	2.85406
radius_2(10)	3.4389	3.30394	3.23822	4	3.1084	3.95132	4.04443	3.00759
radius_2(10)	4.29895	3.55789	2.94128	4.11908	2.95203	3.6657	3.29422	2.9465
radius_2(10)	4.61977	2.92553	3.42468	3.9845	2.99143	3.21607	2.65651	3.31206
radius_2(10)	4.21463	3.46847	2.84116	3.84283	3.36454	3.60286	3.5898	2.96434
radius_2(10)	4.27954	3.16602	2.79774	3.85004	3.43034	3.80009	3.1314	3.47743
radius_2(10)	3.72766	3.0831	2.96985	3.75348	2.82332	3.52891	3.31549	3.80022
radius_2(10)	4.52692	3.17004	2.96985	4.63831	2.68377	3.52854	4.38929	2.87055
radius_2(10)	3.25516	3.40476	3.05042	3.56804	2.80843	3.82685	3.60237	3.71796
radius_2(10)	4.21589	3.19346	3.89017	3.0769	3.36633	4.06638	4.13081	4.47605
radius_2(10)	4.70636	3.53886	3.26357	3.63191	3.10235	3.19855	3.60498	2.32032
radius_2(10)	4.11153	3.28857	3.74383	4.77366	3.10235	3.73557	3.13759	3.0374
radius_2(10)	3.77694	3.08828	3.55021	3.90112	2.96463	5.04609	4.88771	3.79423
radius_2(10)	5.16989	3.28224	3.45254	3.63465	2.96463	4.32246	3.34298	3.22833
radius_2(10)	4.49884	3.61905	3.53705	4.21446	3.7357	4.22646	3.70843	2.57263
radius_2(10)	3.27319	3.1787	3.41975	4.09814	3.18504	3.66589	3.94306	3.63726
radius_2(10)	3.24854		3.8291	3.84692	3.39683		3.16931	2.91665
radius_2(10)	2.84418		3.51547	4.49769	3.02661		3.03875	2.99407
radius_2(10)	3.86034		4.11058	4.0849	3.39728		2.95203	3.08892
radius_2(10)	3.16254		3.40459	3.49969	3.0191		3.56885	2.75208
radius_2(10)	3.30774		3.85844	4.28709	3.65245		4.65894	2.43457
radius_2(10)	3.109		3.85844	3.84116	3.27994		3.79382	2.82213
radius_2(10)	3.04417		3.84658	3.6499	3.66095		3.93901	2.84344
radius_2(10)	3.42865	4.51442	3.86923	3.97552	3.28503	4.00024	3.57391	2.8324
radius_2(10)	3.37201	3.48086	3.96643	3.80282	3.66095	3.90479	3.41065	2.60707
radius_2(10)	3.49225	3.58252	3.85844	3.56906	3.37857	3.97559	4.46691	4.44171
radius_2(10)	3.59583	3.34619	4.15209	3.68963	3.30736	3.14144	3.99768	2.55481
radius_2(10)	3.01225	3.29773	2.84464	3.80888	3.28503	3.97559	3.07902	2.77345
radius_2(10)	3.74579	3.59045	3.35095	3.51744	3.66095	3.90247	3.22217	3.03467
radius_2(10)	3.45288	3.65662	3.3182	4.22093	3.29546	4.22518	3.02808	4.35605
radius_2(10)	2.94609	3.58728	2.93695	3.44874	3.57181	4.2402	3.2617	3.46797
radius_2(10)	3.46686	3.72388	3.24786	3.46942	3.42798	3.34241	2.98579	2.83991
radius_2(10)	3.74579	4.62265	3.35443	4.2421	3.30736	3.90479	3.02461	4.22937
radius_2(10)	3.46173	3.63062	4.00277	4.12314	3.1683	3.49765	3.04358	4.90656
radius_2(10)	3.08624	3.49654	4.09991	4.14241	3.28503	3.21064	3.35736	3.82245
radius_2(10)	3.07062	3.49164	4.1694	3.39995	3.28503	3.737	3.31381	3.65271
radius_2(10)	3.13702	3.51855	3.98956	4.22115	3.12218	2.79088	3.42505	2.96239
radius_2(10)	3.51038	3.73684	3.9845	3.36845	3.20438	3.69764	3.01535	3.35493
radius_2(10)	2.90646	3.54714	3.23822	3.60205	3.34514	3.73681	2.96665	3.11198
radius_2(10)	3.09752	3.54951	2.94128	3.78484	2.51637	3.18492	2.89026	2.70935
radius_2(10)	3.56419	3.35949	2.88959	3.40081	2.54427	3.74247	3.77991	2.95488
radius_2(10)	2.93587	3.57597	3.08356	3.97802	2.25642	4.03345	5.28487	2.73728
radius_2(10)	2.93587	4.2429	3.66246	3.26414	2.63771	3.73347	5.54462	3.38374
radius_2(10)	3.51719	4.13109	3.01399	3.95584	2.8515	3.64231	4.47107	3.6582
radius_2(10)	2.79527	4.176	3.05543	4.33964	2.99976	3.25026	3.63972	4.20371
radius_2(10)	3.11951	3.53063	3.03421	4.93704	2.87573	3.74792	3.28743	3.49393
radius_2(10)	3.51128	4.13272	3.79553	5.05202	3.2756	3.99916	3.74187	3.1399

radius_2(14	3.11855	3.5021	3.8108	3.66168	2.89147	3.50955	3.81427	3.5206
radius_2(15	3.51719	3.24499	2.56982	3.4877	2.74686	4.59232	3.44757	3.52509
radius_2(16	3.43842	4.12451	2.91052	4.66806	3.23517	3.418	2.99444	3.56972
radius_2(17	2.93798	4.25532	3.23822	5.52244	3.20288	3.61296	3.82698	3.41659
radius_2(18	3.52941	4.4398	2.8017	4.98987	2.90473	4.5922	2.9021	4.02952
radius_2(19	3.5701	4.22171	3.23822	3.96457	2.86628	5.43596	2.815	3.91553
radius_2(20	3.54291	3.19451	2.93738	3.53754	2.87262	6.31812	2.81938	3.59407
radius_2(21	3.54486	3.75679	3.20673	3.57925	2.70025	5.42725	3.61054	3.18213
radius_2(22	3.54486	3.23976	2.94128	3.7319	3.2451	4.41874	2.9847	3.19543
radius_2(23	3.52941	3.4113	2.96985	2.94128	3.39627	4.14531	2.75786	2.99019
radius_2(24	3.54878	3.95473	3.79388	3.02167	3.34288	4.94975	3.59796	3.06085
radius_2(25	3.52941	4.16841	3.90472	3.97552	3.99789	4.93229	3.43371	3.23547
radius_2(26	3.68664	3.50748	2.96985	3.37921	3.8869	3.36462	3.52209	2.78156
radius_2(27	3.70726	4.15149	2.94128	3.26262	3.25174	3.93542	2.93667	3.40466
radius_2(28	3.52941	3.59427	2.95203	4	3.01306	4.29294	2.13878	4.4757
radius_2(29	3.54878	3.50748	3.30368	2.94128	4.20471	6.61345	2.71315	3.73058
radius_2(30	3.19872	3.41478	3.87952	3.14111	2.77412	4.99687	3.30622	3.99384
radius_2(31	3.70726	3.24025	3.0033	3.97552	3.08472	3.58624	2.83671	3.28333
radius_2(32	3.73153	3.5145	3.49391	4.00275	4.1543	3.95984	2.99545	3.20001
radius_2(33	3.53981	3.46456	3.25293	3.97552	3.14819	3.9364	3.1544	2.70443
radius_2(34	3.33104	3.75093	2.99658	3.72992	3.43222	3.05661	2.70648	3.05499
radius_2(35	3.21552	3.5141	3.00275	3.52272	3.03813	4.06299	3.49426	2.9787
radius_2(36	3.70726	3.32963	3.23475	3.25336	2.94128	4.01215	3.30144	2.89115
radius_2(37	3.67079	3.51472	2.99307	3.15118	3.0769	3.99976	4.39959	2.53595
radius_2(38	3.0055	3.52319	3.91266	3.5993	3.42731	4.07605	4.77036	3.22165
radius_2(39	3.1604	3.46914	3.25037	3.02242	3.31898	3.84583	3.98447	3.28589
radius_2(40	3.2724	3.91554	3.22113	4.21582	3.28662	3.89551	3.78031	3.30951
radius_2(41	3.1604	3.46914	3.18858	3.2774	3.0001	4.19458	4.23474	2.72342
radius_2(42	3.45856	3.49587	3.24414	3.25126	3.30382	3.96826	4.11629	3.21357
radius_2(43	3.26515	4.10747	3.18858	4.19983	4.00128	3.7157	3.40043	3.31415
radius_2(44	3.18943	3.3285	3.18753	3.62593	3.70441	3.15246	4.023	3.45541
radius_3(0)	3.00482	3.13959	2.61458	2.68874	3.11847	2.94077	1.75038	
radius_3(1)	3.28081	4	2.56097	2.89856	2.86187	3.14928	2.50757	3.20602
radius_3(2)	3.10499	3.40031	2.97892	3.02735	3.26202	3.92323	3.24844	3.45314
radius_3(3)	3.16956	2.90539	3.3551	2.74905	3.12146	3.26023	2.03906	2.41205
radius_3(4)	2.92057	2.87839	3.23822	3.20374	2.84619	3.02294	3.31124	2.38995
radius_3(5)	2.85674	3.78874	3.26953	3.21163	3.67615	3.05807	3.16799	2.5365
radius_3(6)	3.32496	3.44378	2.54199	2.61619	3.90472	3.24582	3.15275	2.10925
radius_3(7)	3.58055	2.83966	3.62054	2.70849	3	3.15805	3.83105	2.95679
radius_3(8)	3.77942	3.42419	3.75538	2.7311	3	3.401	3.53604	2.45343
radius_3(9)	3.29259	3.18164	3.33883	3.07201	2.96985	2.87139	3.26232	2.56592
radius_3(10)	3.00841	3.30536	3.1322	2.78693	3.43133	2.63369	2.92767	2.49042
radius_3(11)	3.07042	2.89074	2.53845	3.0769	2.4586	2.72863	3.24707	2.49171
radius_3(12)	3.19632	3.54767	2.92542	2.44009	2.22231	2.97913	3.76335	2.23219
radius_3(13)	3.13385	2.95054	3.16048	2.79653	2.57401	2.8031	4.01147	2.4474
radius_3(14)	2.96313	2.88562	3.35323	3.18677	2.76831	3.24152	3.26855	2.49051
radius_3(15)	3.19995	3.79712	2.83807	3.24456	1.87627	2.33698	4.00824	2.3779
radius_3(16)	3.07617	2.48381	3.41272	3.26379	2.67041	2.96985	3.64355	2.88414
radius_3(17)	3.01074	3.04763	3.55828	3.43657	2.39233	2.83203	3.58189	3.04097
radius_3(18)	3.66022	2.65377	3.46042	3.51055	2.22062	2.91388	3.63913	2.27956

radius_3(1)	2.81656	3.28735	3.42311	3.36121	3.04727	2.7923	3.11511	3.19745
radius_3(2)	3.61414	2.24963	3.38831	3.52545	2.3838	3.17594	3.1936	3
radius_3(2)	3.1012	2.7901	3.18286	3.22907	3.03128	2.19721	3.43933	3.23822
radius_3(2)	3.13965	2.35632	3.21399	3.24841	2.33573	2.79961	2.98527	3.0769
radius_3(2)	4.21851	2.9335	3.12219	2.87174	2.93352	2.81191	3	2.43964
radius_3(2)	3.37317	3.4125	2.71332	2.61467	2.2025	3.54895	3.45271	3.23822
radius_3(2)	3.58569	3.32713	3.05548	3.4751	2.39343	3.32935	2.63702	3
radius_3(2)	3.22078	3.43951	3.32527	2.83087	2.991	2.4397	2.86442	1.65668
radius_3(2)	3.22078	3.43951	3.32527	2.83087	2.991	2.4397	2.86442	1.65668
radius_3(2)	3.14478	3.05622	3.062	2.92778	2.76563	2.97021	3.2617	2.81105
radius_3(2)	3.14478	3.05622	3.062	2.92778	2.76563	2.97021	3.2617	2.81105
radius_3(3)	3.61037	3.05622	3.11786	3.42069	2.4469	3.24676	3.63614	2.80764
radius_3(3)	3.45714	3.41227	3.5145	3.74829	3.00089	3.71986	2.58684	2.72381
radius_3(3)	3.53938	3.14914	3.23351	3.59589	3.01065	3.38219	3.23924	2.81625
radius_3(3)	3.53959	3.32643	3.34694	3.10498	2.38797	3.14348	2.66759	2.7135
radius_3(3)	3.46959	2.89878	3.46583	2.96185	2.93274	3.83302	2.82083	2.89044
radius_3(3)	3.40567	3.12229	3.62842	3.54791	2.95736	3.17557	2.9953	2.72135
radius_3(3)	3.42194	3.37926	3.12894	3.14679	2.49402	2.70325	1.99443	2.71057
radius_3(3)	3.44591	2.93124	2.75415	2.49623	2.95203	3.25095	2.87415	2.7677
radius_3(3)	3.24646	2.74548	3.41409	3.42242	2.93384	3.34821	3.08069	2.22253
radius_3(3)	3.68655	2.31458	2.58026	3.23822	2.93079	4.1874	3.0769	2.72269
radius_3(4)	2.66681	3.94678	2.86633	2.96985	2.8009	3.17604	2.48765	2.22705
radius_3(4)	2.987	3.11279	3.93324	2.38965	2.34802	3	3.38916	2.69783
radius_3(4)	3.7052	3.16538	3.52864	3.05847	2.54316	3.23547	2.25678	3.48944
radius_3(4)	3.21416	2.54578	2.784	3.15253	2.87123	3.05145	2.9988	2.54523
radius_3(4)	3.36816	2.72213	2.52239	2.48627	2.65092	3.02301	2.81984	2.61723
radius_3(4)	3.40002	4.11334	3.23255	2.94128	3.51292	3.15863	2.71843	2.3158
radius_3(4)	3.06915	3.08942	3.38426	3.23822	2.48583	3	3.57753	2.69472
radius_3(4)	3.40006	3.11996	2.86887	2.11989	3.05595	3.49854	2.41439	3.19
radius_3(4)	3.23752	3.54407	3.39575	3.33923	3.3291	3.68762	2.86922	2.78674
radius_3(4)	3.63566	3.42466	3.03775	3.13136	4.37412	2.92657	2.33176	2.8244
radius_3(5)	3.62513	2.90808	3.2641	2.80987	3.52491	3.05597	2.52902	3.1806
radius_3(5)	3.40131	3.15674	2.9131	3.25669	3.09667	2.40609	3.06334	2.87845
radius_3(5)	3.48966	3.17975	3.07628	2.20001	2.95203	3.85417	2.85471	3.23822
radius_3(5)	3.37257	3.42237	3.31792	2.35153	2.62775	4.17419	2.80515	2.94094
radius_3(5)	3.38396	3.72174	2.77439	2.86609	1.75081	3.57187	2.8331	3.01379
radius_3(5)	3.89798	2.90857	2.79873	2.69472	3.02869	3.83682	2.93671	2.71397
radius_3(5)	3.66458	3.91783	2.60384	2.90961	2.82977	3.19323	2.86774	3.42229
radius_3(5)	3.39337	2.79183	2.44927	3.06586	2.82764	2.97034	3.04809	3.13727
radius_3(5)	3.48986	2.6132	3.01068	2.29309	2.41046	3.32904	2.61013	2.76317
radius_3(5)	4.02754	2.68687	2.44547	3.0769	2.39075	3.21143	3.06262	2.54645
radius_3(6)	3.4014	2.9271	3.20496	2.93976	2.22631	3.24988	3.36789	2.43262
radius_3(6)	2.93272	2.61881	2.64604	3.22611	2.62406	3.04888	3.15942	2.73767
radius_3(6)	2.80682	2.8033	2.85077	2.92255	2.11196	3.09216	3.54419	2.78512
radius_3(6)	3.08177	3.41374	2.52358	2.89026	2.04719	3.09545	4.47322	2.75348
radius_3(6)	3.60138	3.36728	2.32034	2.84863	2.23089	2.81703	2.68133	2.65442
radius_3(6)	3.82758	3.2257	2.63901	2.72004	2.12836	2.94183	3.49018	2.91833
radius_3(6)	3.53014	3.37799	3.23822	2.56823	1.90638	3.41896	3.19575	2.23532
radius_3(6)	3.35142	3.36411	3.34253	2.9646	2.67461	2.26868	4.20507	2.95074
radius_3(6)	3.54619	3.37826	3.07617	3.20001	1.9135	2.82203	2.46423	2.96985

radius_3(6)	3.24173	3.41742	3.28851	3.20001	2.92929	2.97475	2.4865	3.03345
radius_3(7)	3.37411	3.21723	3.30091	2.64056	1.76846	3.0094	2.42673	2.43167
radius_3(7)	3.35912	4.22212	2.96985	2.95709	2.97684	2.80518	2.42673	2.45153
radius_3(7)	3.37688	4.29314	2.96985	3.00611	1.82396	3.06396	2.883	2.54102
radius_3(7)	3.38547	3.7099	2.96985	2.94128	3.08911	2.81549	3.18277	2.04909
radius_3(7)	2.80885	3.64003	2.96985	2.99475	2.89288	3	3.18277	2.06081
radius_3(7)	3.00369	3.6297	3.1593	3.0769	2.22214	4.04944	2.25996	2.56154
radius_3(7)	3.47559	3.19023	3.19289	3.05371	2.19672	3.17041	2.8999	3.02637
radius_3(7)	3.5049	3.41313	2.96985	3.24579	2.4162	3.56769	3.17914	3.05367
radius_3(7)	3.30346	2.86481	3.0769	2.96985	2.20492	2.77502	3.43851	2.58078
radius_3(7)	3.57367	2.86097	3.0769	3.23425	2.815	3.32148	3.839	2.68095
radius_3(8)	3.10077	3.26875	3.0769	3.15226	3.09094	3.57606	3.88153	3.10945
radius_3(8)	2.81607	3.7258	2.94128	2.72124	2.40948	4.13606	2.2484	2.48066
radius_3(8)	2.81599	3.54736	3.0769	3.48324	2.6795	3.29916	3.29531	2.74858
radius_3(8)	2.81123	3.46188	3.0769	3.22052	2.83354	2.90974	2.16898	2.89264
radius_3(8)	3.01686	3.39082	3.0769	3.7909	2.29089	3.31891	2.01379	2.39484
radius_3(8)	3.16675	3.39082	3.0769	2.8034	2.99912	3.25262	2.01379	2.84197
radius_3(8)	3.54365	3.53264	2.60095	3.63734	3.4162	2.89744	3.45073	2.80988
radius_3(8)	2.7888	3.38159	2.81482	3.20001	3.0769	3.14575	1.98751	2.55489
radius_3(8)	3.58469	3.53644	3.38775	3.22403	3.08537	2.56828	1.9816	2.65222
radius_3(8)	3.30395	3.37296	2.83658	3.02739	3.49303	3.27942	1.83721	3.03931
radius_3(9)	3.41473	3.37166	3.13838	3.11615	2.96985	3.29608	2.93445	2.29901
radius_3(9)	3.5677	3.3645	2.89537	2.98462	2.14197	3.75305	2.61792	2.98056
radius_3(9)	2.79647	3.35871	2.95553	2.94128	2.59019	3.18042	3.22516	2.20207
radius_3(9)	3.57187	3.40111	3.15026	2.85144	3.2686	3.14929	2.78665	2.76973
radius_3(9)	3.47374	3.30943	2.13428	2.51186	3.27777	3.49664	3.23718	2.33733
radius_3(9)	3.75903	3.54835	2.10449	2.96698	4.14066	3.09467	2.28232	2.59969
radius_3(9)	4.08296	3.19488	2.58081	2.70266	2.75479	2.94128	2.90173	2.62559
radius_3(9)	3.72115	4.08484	3.16351	2.83688	3.51457	3.48914	2.1442	2.34196
radius_3(9)	3.16301	3.59901	3.42813	2.78682	2.98851	2.90173	2.1442	3.11271
radius_3(9)	3.31256	3.44775	2.99503	3.32183	3.09332	3.3349	3.24026	2.15179
radius_3(10)	4.16823	3.49717	2.82584	3.24835	2.68567	4.02068	3.48633	3.25684
radius_3(10)	2.89113	3.5301	2.94003	3.48077	3.0769	3.45959	3.85742	3.27011
radius_3(10)	3.46558	3.0194	2.57858	2.96985	2.96985	3.28046	4	2.68024
radius_3(10)	3.12533	3.38823	3.00555	3.53339	2.94128	3.00132	3.38123	2.95264
radius_3(10)	3.51721	2.63607	2.04266	3.44971	2.59308	3.09692	4.30151	2.44709
radius_3(10)	2.74817	3.02415	3.34134	3.36938	1.97992	3.04579	2.94125	2.97659
radius_3(10)	2.72162	2.87787	3.30366	3.33264	2.23572	2.58557	2.64969	2.24596
radius_3(10)	3.45353	3.12117	2.55761	3.32086	2.61963	2.58365	3.31243	2.79602
radius_3(10)	2.85553	2.80348	2.44276	4.44171	2.64203	3.00591	2.99589	1.92335
radius_3(10)	3.50121	3.06209	2.96985	3.99111	3.00236	3.20498	3.09586	2.97644
radius_3(11)	2.78751	3.14102	3.20649	2.96916	2.00625	3.35717	3.12481	3.27783
radius_3(11)	2.78625	2.79174	3.50182	2.83179	3.05499	3.81155	3.30794	3.42515
radius_3(11)	3.26345	3.5694	3.31756	2.97778	2.75537	3.28069	3.09216	2.21861
radius_3(11)	3.42891	3.40269	2.70903	3.10754	2.75537	3.22167	2.79832	2.14689
radius_3(11)	3.57638	3.45552	2.80395	3.7883	2.90393	2.40982	3.20105	2.77263
radius_3(11)	3.66259	3.44464	3.08781	3.70581	2.90393	3.4972	3.0601	2.48002
radius_3(11)	2.52166	3.53386	2.91934	3.41823	2.75323	2.8952	3.20157	3.17224
radius_3(11)	2.80245	3.34376	3.1272	3.28365	2.93945	4.03408	2.90473	3.27447
radius_3(11)	2.67645		2.86558	4.10622	3.02435		3.28979	2.73456

radius_3(1	3.14001		3.00086	3.71289	2.27535		3.82434	2.29162
radius_3(1	2.7084		2.93344	3.07166	3.02661		3.08425	3.1924
radius_3(1	2.3221		2.99756	2.88275	2.35489		2.59106	2.43793
radius_3(1	2.56444		3.39099	4.18533	2.1735		2.64621	2.23483
radius_3(1	2.49104		3.39099	3.42059	2.15796		3.26258	2.63775
radius_3(1	3.05857		3.42242	3.81659	2.16685		2.94128	2.42136
radius_3(1	2.5616	4.07234	3.37781	2.88648	2.14022	2.96985	3.45952	2.36327
radius_3(1	3.09445	3.49674	3.09875	3.42609	2.16685	3.13827	3.15065	2.37277
radius_3(1	3.48871	3.23419	3.39099	3.34518	2.24605	3.10498	3.21058	3.2011
radius_3(1	3.19702	3.44141	3.50431	4.09924	2.15792	3.30273	3.66437	3.03278
radius_3(1	2.51226	3.43226	2.70275	3.54427	2.14022	2.97021	3.19995	3.17975
radius_3(1	2.97302	2.9527	3.07931	2.92871	2.16685	3.03601	3.09106	3.01624
radius_3(1	3.34619	3.53677	3.31292	2.94147	2.25697	3.48743	3.03699	3.23724
radius_3(1	2.4144	3.40247	2.93822	3.19872	2.16211	2.9715	3.20081	3.17231
radius_3(1	2.96271	2.6839	2.4801	3.05553	2.50268	3.17646	2.96362	2.75873
radius_3(1	2.97302	3.4865	3.32613	3.03936	2.15792	3.34058	2.67343	3.42168
radius_3(1	2.95203	3.40731	3.48416	3.09783	2.54436	3.0769	2.96985	2.38348
radius_3(1	3.12428	3.65283	4.147	2.98794	2.14022	3.29102	4.52215	2.82105
radius_3(1	2.81256	3.48538	3.25458	3.02495	2.14022	2.94653	2.78933	2.74651
radius_3(1	2.85028	3.53458	2.95026	3.75908	2.40348	2.80976	2.94128	2.83649
radius_3(1	2.95221	4.02852	3.0769	3.43419	2.4469	3.24853	2.77783	2.73628
radius_3(1	3.33057	4.02396	3.5775	3.23958	2.98854	2.88556	3.07773	2.8292
radius_3(1	3.02424	4.0016	2.82917	3.43194	2.37484	3.03367	3.22548	2.74561
radius_3(1	3.02255	3.31317	2.64608	3.37375	2.24914	3.54431	3.44684	2.52269
radius_3(1	2.73486	2.78185	3.16986	3.55116	2.42632	2.95859	3.72552	2.77603
radius_3(1	2.73486	3.43614	3.32141	3.34216	2.49591	3.52991	2.91205	2.5661
radius_3(1	2.73521	3.4959	2.96985	2.53802	2.14845	3.10153	2.41897	2.92368
radius_3(1	3.0012	3.54999	2.96985	3.24027	2.96985	3.48323	3.43008	2.42054
radius_3(1	2.71574	3.5301	3.0769	3.2373	2.72329	3.12171	3.68214	3.04028
radius_3(1	2.73439	3.47218	2.98626	3.09497	3.05664	3.00343	3.45221	2.34974
radius_3(1	2.71557	3.42886	3.18427	3.36171	2.97809	3.65556	3.13959	2.37782
radius_3(1	2.73521	3.53005	2.96985	2.77901	2.47701	2.89001	3.27353	2.76788
radius_3(1	3.01755	3.16248	2.81982	2.78944	2.18588	3.62297	3.30862	2.76969
radius_3(1	2.73218	3.75673	3.32178	2.84907	2.65946	3.77222	2.80549	2.68051
radius_3(1	2.30046	4.1501	2.96985	3.09379	2.25225	3.78528	3.02053	3.01489
radius_3(1	3.02199	3.42262	3.23822	3.55025	2.41479	3.60031	2.86779	3.40056
radius_3(1	2.28047	2.68026	2.87726	3.40686	2.9881	4.00048	3.01573	2.89038
radius_3(1	3.02057	3.27989	2.98686	3.08176	2.4847	3.69926	3.05138	2.70439
radius_3(1	3.02057	3.32445	2.79718	3.6427	2.75709	3.93725	2.71535	2.87601
radius_3(1	2.30046	2.76436	2.92819	3.31704	3.44555	3.4336	2.27285	2.54437
radius_3(1	2.28999	3.47214	2.82025	2.88715	3.64339	4.54814	3.32227	3.09341
radius_3(1	2.30046	3.46963	2.96467	2.77137	3.8735	3.08322	2.04234	3.15118
radius_3(1	2.36011	3.02886	2.30302	2.28318	2.60828	4.06925	3.00499	3.02448
radius_3(1	2.35094	2.50746	2.69811	3.0769	3.11023	3.93216	2.56589	2.99805
radius_3(1	2.30046	3.53536	3.22838	3.18642	3.24153	3.9032	3.0625	3.18601
radius_3(1	2.28999	3.02886	2.85311	3.03326	3.50067	2.96346	2.41493	3.00732
radius_3(1	3.20876	3.43666	3	3.0769	3.43929	3.80502	2.9583	3.67865
radius_3(1	2.35094	3.53307	2.87482	2.96985	3.08507	4.45619	2.89542	2.98059
radius_3(1	2.36156	2.75795	3.21104	2.94409	3.30308	4.20618	3.00555	3.23822
radius_3(1	2.28527	3.46945	2.96917	3.12415	2.82269	4.44409	2.92392	2.67908

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go_phase(2	1	1	1	1	1	1	1	0
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go_phase(4	1	0	1	0	1	1	0	1
go_phase(5	1	0	1	0	1	1	0	1
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right_bend	1	0	0	0	0	0	1	1
right_bend	1	0	0	0	0	0	1	0
right_bend	1	0	0	0	1	0	1	0
right_bend	1	0	0	0	1	0	1	0
right_bend	1	0	0	0	0	0	1	0
right_bend	1	0	0	0	0	0	1	0
right_bend	1	0	1	0	0	0	1	0
right_bend	1	0	1	0	0	0	1	1
right_bend	1	0	1	0	0	0	1	1
right_bend	1	1	1	1	0	0	1	1
right_bend	1	1	1	1	0	0	1	0
right_bend	1	1	0	0	0	0	1	1
right_bend	1	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	1	0
right_bend	0	1	1	0	0	0	1	0
right_bend	0	1	1	0	0	0	0	1
right_bend	0	1	1	0	0	0	0	1
right_bend	1	1	1	0	0	1	0	1
right_bend	1	1	0	0	0	1	0	0
right_bend	1	0	1	0	0	1	0	0
right_bend	0	1	1	0	0	1	0	0
right_bend	0		1	0	0		0	0

right_bend	0		1	0	0		0	0
right_bend	0		1	0	0		0	0
right_bend	0		1	0	0		0	0
right_bend	0		1	0	0		0	0
right_bend	0		1	0	0		0	0
right_bend	0	0	1	0	0	0	0	0
right_bend	0	1	1	0	0	0	0	0
right_bend	0	1	1	0	0	0	0	1
right_bend	0	1	0	0	0	0	1	1
right_bend	0	0	1	0	0	0	0	0
right_bend	0	1	1	0	0	0	0	0
right_bend	0	1	1	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	1
right_bend	0	1	0	0	0	0	1	1
right_bend	0	1	1	0	0	0	1	1
right_bend	0	1	0	1	0	0	0	1
right_bend	0	1	0	0	0	0	0	0
right_bend	0	1	0	0	0	0	0	0
right_bend	0	0	1	0	0	0	0	0
right_bend	0	0	1	0	0	0	0	0
right_bend	0	0	0	0	0	0	1	1
right_bend	0	0	0	0	0	0	1	1
right_bend	0	0	0	0	0	0	1	1
right_bend	0	0	0	1	0	0	0	0
right_bend	0	0	0	1	0	0	0	0
right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	1
right_bend	0	0	0	0	0	1	0	1
right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	1	0	0

right_bend	0	0	0	0	0	1	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	0
right_bend	0	0	0	0	0	0	0	1
right_bend	0	0	0	0	0	0	0	1
right_bend	0	0	0	0	0	0	0	1
mov_direction(0)								
mov_direct	180	180	180	180	180	240	270	
mov_direct	240	90	180	180	270	250.529	180	180
mov_direction(3)		180	180	180	300	246.422	270	180
mov_direct	221.41		180	270	270	240		180
mov_direct	180		180	240	270	240	180	180
mov_direct	180	270	180	250.529	270	224.415	270	180
mov_direct	180			270	270	216.87	289.471	180
mov_direct	240	270	180	240	250.529	216.87	300	180
mov_direct	240	180	270		270	233.13	270	180
mov_direct	240	180	250.529	180	240	180	250.529	180
mov_direct	250.529	90	180	270	240	213.557	180	180
mov_direction(12)			180	180	228.19	180	180	240
mov_direct	258.463	180	90	284.478	180	180	289.471	228.19
mov_direct	180		180	284.478	180	180	300	180
mov_direct	270	180	90	318.59	180	180	289.471	240
mov_direct	270	180	180	300	180	180	180	228.19
mov_direct	180	180	180	180	180	180	311.81	228.19
mov_direct	270	180	180	180	180	216.87	180	228.19
mov_direct	300		180	318.59	270	216.87	90	255.522
mov_direct	270	180	180	180	180	180	300	228.19
mov_direct	300	270	180	180	180	180	180	270
mov_direct	270	90	323.13	180	270	180	180	250.529
mov_direct	284.478		180	180	180	180	180	270
mov_direct	180		180	180	300	180	180	270
mov_direct	289.471		318.59	180	180	180	180	270
mov_direct	300		311.81	180	270	180	180	270
mov_direction(27)								
mov_direct	300		315.585	180	180	152.734	31.0027	295.377
mov_direction(29)								
mov_direct	180		293.578	180	180	126.87	180	300
mov_direct	180		311.81	180	180	124.85	180	289.471
mov_direct	180	270	293.578	180	180	131.81	180	289.471
mov_direct	311.81		284.478	180	240	120	180	300
mov_direct	180	180	289.471	180	180	120	180	300
mov_direct	180		270	180	240	106.602	180	180
mov_direct	180	180	270	180	180	106.602	180	289.471
mov_direct	180	180	255.522	180	180	99.5941	180	270
mov_direct	180	180	270	180		101.537	180	289.471

mov_direct	311.81	180	255.522	180	180	104.478	180	270
mov_direction(40)		180	240	180	120	90	180	318.59
mov_direct	180	180	228.19	180	90	80.4059	180	180
mov_direct	300	180	228.19	180	180	66.4218	180	180
mov_direct	180	180	255.522	180		78.463	180	180
mov_direct	311.81		240	180	90	81.7868	180	180
mov_direct	180	180	228.19	180	90	80.4059	180	180
mov_direct	300	270	255.522	90		90	180	270
mov_direct	300	270	250.529	180		53.1301	41.4096	240
mov_direct	300	180	228.19	180	300	180	180	180
mov_direct	270	180	180	180	300		180	270
mov_direct	289.471	180	228.19	180	180	180	180	180
mov_direct	180	90	180	180	270	180	180	180
mov_direct	270	270	180	180	180	180	180	
mov_direct	180		180	180		180	180	180
mov_direct	270	180	180	180	270	180	180	180
mov_direct	180		180	180		180	180	306.87
mov_direct	180		180	180	180	180	60	311.81
mov_direct	300	270	180	180		180		180
mov_direct	180	240	180	180	180	180	90	300
mov_direct	180	240	180	180	180	180	180	318.59
mov_direct	180	180	180	180		180	180	180
mov_direct	180	180	180	180	270	180	270	180
mov_direct	270	180		180	90	180	270	90
mov_direct	180	180	180	180		180	270	180
mov_direct	270	180	180	90	270	211.003	180	180
mov_direct	180	180	180	240		211.003	180	180
mov_direct	180	90	180	300		216.87		180
mov_direct	270		270	180		208.955	180	180
mov_direct	180	180	180	180		180	180	180
mov_direct	180	180		180	90	180	180	180
mov_direct	180	240	90	180	270	180	180	180
mov_direct	180	90	180	180		180		180
mov_direct	180	180		180		180	90	120
mov_direct	180	180		180		180		90
mov_direction(74)		180		180	180	180		90
mov_direct	180	180		180	180	180	180	180
mov_direct	180	180		180		180		180
mov_direct	180	180		180		180		
mov_direct	180			180	180	180	180	228.19
mov_direct	180			180		146.443		270
mov_direct	180			180	300	126.87	180	180
mov_direct	180	270		180		120	180	300
mov_direct	180	90		33.5573		90		180
mov_direct	90	270		180		80.4059	180	
mov_direct	90			270	180	73.3985		60
mov_direct	90			180	180	64.6231		180
mov_direct	180		180	180	120	80.4059		180
mov_direct	90		180	180	180	60	270	70.5288
mov_direct	180		180	180	270	81.7868	90	60

mov_direction(89)			180	180	180	82.8192	270	180
mov_direction(90)			180	180	60	90	90	180
mov_direct 180			180	180		90		180
mov_direction(92)			180	180	90	90		41.4096
mov_direction(93)			180	180	270	90		48.1897
mov_direction(94)			90	180	180	75.5225		180
mov_direct 180				180	180	73.3985		180
mov_direct 90			180	53.1301	180	73.3985		180
mov_direction(97)	270		180	48.1897	180	81.7868		90
mov_direct 90			240	70.5288	270	73.3985		270
mov_direct 270			270	66.4218	180	60	180	180
mov_direct 180	270		270	70.5288		70.5288	180	180
mov_direct 180	90			90		60	240	180
mov_direct 180	180		180	75.5225	270	60	270	180
mov_direct 180			180	90	270	60	250.529	41.4096
mov_direct 180			90	90	180	55.1501	228.19	180
mov_direction(105)	270		300	90	270	48.1897	240	48.1897
mov_direct 270	90		180	90		44.4153	228.19	180
mov_direction(107)			90		180	48.1897	180	70.5288
mov_direct 90			180	300		41.4096	180	180
mov_direct 180				311.81		44.4153	180	180
mov_direct 180			180	180		53.1301	233.13	311.81
mov_direction(111)			180	180		36.8699	180	138.59
mov_direct 109.471	180			180		180	180	138.59
mov_direct 90	180		180	289.471		180	221.41	180
mov_direct 90				306.87	270	180	180	180
mov_direct 90	180		180	281.537		180	218.942	180
mov_direct 180	180		180	300		180	228.19	60
mov_direct 180	90			281.537		180	228.19	48.1897
mov_direct 270				281.537			218.942	60
mov_direct 180			180	281.537			180	70.5288
mov_direct 180				281.537			180	53.1301
mov_direct 180			180	281.537	180		90	90
mov_direct 180			180	281.537	180		180	70.5288
mov_direct 180				281.537	180		148.997	180
mov_direction(124)			180	270	180		180	70.5288
mov_direct 180			180	284.478	180		180	60
mov_direct 90	228.19		180	281.537	180	180	180	60
mov_direct 270	270		180	289.471	180	180	311.81	180
mov_direction(128)	180		180	300		180	270	180
mov_direction(129)				300		180	180	131.81
mov_direct 180			180	180	180	180	180	120
mov_direct 180	180		180	306.87	180	180	180	180
mov_direction(132)	180		180	318.59		180	180	180
mov_direct 180			180	180	180	180	180	60
mov_direction(134)	180		180	323.13	180	180	180	270
mov_direction(135)	270			180		180	180	180
mov_direct 180	270		180			180	104.478	180
mov_direction(137)				180		180	180	180
mov_direction(138)				90		180	216.87	240

velocity(9)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
velocity(10)	2.14009	0.2	2.2561	2.06155	2.15407	6.35295	0.948683	0.00E+00
velocity(11)	2.12603	0.3	2.6	2.15407	2.19545	6.14003	0.707107	2.02237
velocity(12)	1.98494	0.5	2.72947	1.86011	2.34094	6.2434	0.67082	2.51794
velocity(13)	2.47588	0.509902	2.47588	2.16333	2.40416	6.12944	1.04403	2.80179
velocity(14)	2.22036	0.509902	2.37697	2.40832	2.50799	5.74891	0.5	2.51794
velocity(15)	2.47588	0.3	2.5318	2.76586	2.23607	5.37401	0.538516	2.62488
velocity(16)	2.33452	2.40208	2.80713	2.28254	2.2	5.23259	0.4	2.87924
velocity(17)	2.28035	2.63059	2.61725	2.45967	2.30868	5.48179	2.02485	2.74591
velocity(18)	2.44131	2.71662	1.48661	2.28035	2.33452	5.22015	4.44072	2.72947
velocity(19)	2.19317	2.94279	1.44222	2.72947	2.13776	5.22015	3.90512	3.13847
velocity(20)	2.24722	2.90172	1.30384	2.80713	2.06155	5.14296	3.89487	3.20156
velocity(21)	2.28254	2.81603	1.58114	2.502	2.24722	5.01199	1.97231	3.1241
velocity(22)	2.45967	2.81603	1.34536	2.70185	1.83848	4.7927	2.47386	3.25576
velocity(23)	2.30868	2.82843	1.38924	2.69258	1.61245	4.83322	2.19317	3.42053
velocity(24)	2.34094	2.76586	2.84253	2.45967	1.52315	4.97695	2.05913	3.72022
velocity(25)	2.23607	2.76586	3.1241	2.12132	1.78885	4.70106	2.06155	3.60555
velocity(26)	2.31948	1.11803	3.54683	2.14009	1.48661	4.08534	1.9105	3.62353
velocity(27)	2.33452	0.6	3.39706	1.9799	1.2083	3.4176	1.7	3.2249
velocity(28)	2.40832	0.4	3.78021	2.54558	1.08167	3.82753	1.2083	3.98497
velocity(29)	2.20227	0.360555	3.5	2.05183	1.08167	3.35261	0.412311	3.5171
velocity(30)	2.4	0.360555	3.74433	2.12132	1.42127	3.00832	0.509902	3.20156
velocity(31)	2.54951	0.223607	3.68782	2.28035	1.41421	3.52278	2.80179	3.45254
velocity(32)	2.45153	0.3	3.61248	2.55539	1.55563	3.60139	2.59615	3.21403
velocity(33)	2.69258	0.316228	3.67967	2.68328	1.44222	3.68782	2.69258	3
velocity(34)	2.59615	0.412311	3.68782	2.86356	1.72047	3.45398	3.10483	3.21403
velocity(35)	2.30868	0.412311	3.70135	3.05287	1.62788	3.96611	2.98329	3.02655
velocity(36)	2.54951	0.781025	3.64005	2.90689	1.84391	4.74342	3.228	2.86356
velocity(37)	2.6	0.67082	3.80132	3.3541	1.83848	5.39073	3.38378	3.08058
velocity(38)	2.15407	0.447214	3.53553	3.16228	1.8868	5.32635	2.75136	2.45153
velocity(39)	2.6	0.360555	3.93573	3.79473	1.7	5.62228	3.10161	2.47386
velocity(40)	2.37065	0.447214	3.47851	3.5171	1	6.04649	3.10483	2.6
velocity(41)	2.16333	0.984886	3.35261	3.90512	0.848528	5.81378	3.25576	2.45967
velocity(42)	2.16333	1.36015	3.32415	3.74833	0.72111	5.79396	3.42345	2.50799
velocity(43)	1.98494	1.20416	3.55106	3.71214	0.583095	5.88218	3.63456	2.15407
velocity(44)	2.14009	1.31529	3.3	3.50571	0.4	5.84637	3.42345	1.66433
velocity(45)	2.28035	1.21655	3.20624	3.7	0.424264	5.59017	3.55106	1.7
velocity(46)	1.98494	1.04403	3.23883	3.6	0.447214	5.61427	3.37343	1.52643
velocity(47)	2.22036	0.7	3.33766	3.60555	0.632456	5.4037	3.42345	1.34164
velocity(48)	2.20227	1.4	3.27567	3.20156	0.5	5.10392	3.81182	1.34164
velocity(49)	1.84391	3.17805	2.97321	3.23883	1.80278	4.80104	3.71214	1.3
velocity(50)	2.06155	2.87924	3.13209	3.33766	2.05913	4.41022	3.68782	1.14018
velocity(51)	1.98494	2.7	3.16228	3.27567	2.38537	4.00125	3.47851	1
velocity(52)	2.19317	2.54951	3.05287	3.39559	2.52389	3.63456	3.71618	0.7
velocity(53)	2.02485	2.81603	2.96816	3.45254	2.70185	3.41321	3.53412	0.728011
velocity(54)	1.83576	2.90172	2.95296	3.73363	2.90689	3.10161	3.49857	0.921954
velocity(55)	2.19317	2.9	3.04138	3.56931	2.77849	3.1257	3.55106	0.984886
velocity(56)	1.86011	2.86356	2.72029	3.94588	2.59422	2.95466	3.27567	1.44222
velocity(57)	2.01246	2.84605	2.86007	4.01995	2.82312	3.04138	3.28024	1.70294
velocity(58)	1.66433	2.42074	2.90689	4.22966	2.84253	3.5805	2.75862	1.92094

velocity(59)	1.97231	0.4	2.97321	4.30465	1.06301	4.04969	2.62488	2.12603
velocity(60)	1.74642	0.5	2.9	4.60109	1.07703	3.62353	4.11096	2.47588
velocity(61)	1.52315	0.5	2.76586	4.41022	0.583095	4.49444	3.90512	2.56125
velocity(62)	1.52971	0.447214	2.33452	4.62709	0.538516	5.65155	3.36155	2.56125
velocity(63)	1.60312	0.282843	2.28035	4.219	0.282843	5.72189	2.20907	2.47588
velocity(64)	1.6	0.223607	2.38537	3.62215	0.141421	6.20081	2.22036	2.54558
velocity(65)	1.10454	0.2	2.37697	3.25576	0.360555	6.66108	2.40416	2.82843
velocity(66)	1.21655	0.223607	2.14709	2.88617	0.509902	6.64906	1.96977	2.82843
velocity(67)	1.0198	0.223607	1.89737	2.43311	0.608276	6.70522	1.52643	2.80179
velocity(68)	1.43178	0.5	1.62788	2.70185	0.1	6.81542	2.20227	2.69258
velocity(69)	1.11803	0.509902	1.33417	2.502	0	6.88767	1.44222	2.86356
velocity(70)	1.16619	0.608276	1.20416	2.3	0.223607	7.245	2.1	3.08058
velocity(71)	1.30384	0.806226	1.00499	2.70185	0.1	7.15542	1.80278	2.98329
velocity(72)	1.20416	0.848528	1.00499	2.20227	0.223607	6.93542	1.22066	2.94279
velocity(73)	1.06301	0.894427	0.806226	2.7	0.141421	7.02638	0.3	2.84429
velocity(74)	1	0.761577	0.538516	3.30606	0.412311	6.90797	0.538516	2.60768
velocity(75)	1.253	0.848528	0.1	3.91152	0.5	6.53911	1.07703	2.6
velocity(76)	1.47648	0.943398	0.141421	4.11096	0.806226	6.35689	0.565685	2.4
velocity(77)	1.58114	0.984886	0.141421	4.81664	0.707107	6.5307	0.360555	1.9105
velocity(78)	1.47648	0.67082	0.2	4.55412	0.905539	6.00167	0.921954	1.81108
velocity(79)	1.78045	0.5	0.2	4.63897	0.806226	5.80086	0.8544	1.20416
velocity(80)	1.74642	0.640312	0.2	4.92544	0.640312	5.61427	0.8544	0.632456
velocity(81)	1.47648	0.6	0.2	4.51774	0.707107	5.63205	0.447214	0.509902
velocity(82)	1.61555	0.223607	0.2	5.10392	0.640312	5.59017	0.223607	1.00499
velocity(83)	1.58114	0.360555	0.2	4.40114	0.316228	5.24976	0.632456	1.10454
velocity(84)	1.48661	0.223607	0.2	3.9	0.72111	5.00899	0.447214	1.0198
velocity(85)	1.20416	0.1	0.141421	3.52278	0.282843	5.0448	0.447214	0.8544
velocity(86)	0.894427	0.223607	0.2	3.8833	0.761577	5.09117	0.5	0.72111
velocity(87)	0.583095	0.1	0.282843	3.67696	0.860233	4.58039	0.640312	0.860233
velocity(88)	0.412311	0	0.2	3.9	0.447214	5.2	0.565685	0.728011
velocity(89)	0.282843	0	0.4	3.93954	0.824621	4.87647	1.06301	0.728011
velocity(90)	0.447214	0.2	0.6	4.11096	1.56525	5.53263	0.860233	1.21655
velocity(91)	0.223607	0.1	0.632456	4.04969	1.7088	6	0.223607	1.50333
velocity(92)	0.583095	0	0.8544	4.04969	1.78885	6.41249	0.360555	1.40357
velocity(93)	0.538516	0.223607	0.824621	4.42719	1.14018	6.64831	0.223607	1.55242
velocity(94)	0.282843	0	0.9	4.80833	1.20416	7.0859	0.1	2.02237
velocity(95)	0.223607	0	0.9	5.22015	1.00499	6.8469	0.1	1.82483
velocity(96)	0.223607	0.223607	1.11803	5.02195	2.10238	6.8884	0.1	2.02237
velocity(97)	0.141421	0.360555	1.11803	4.78539	2.61725	7.29932	0.447214	1.80278
velocity(98)	0.223607	0.360555	1.5	4.4911	2.5	7.26911	0.447214	3.58469
velocity(99)	0.2	0.360555	1.80278	4.68402	2.28035	7.49667	0.223607	3.94462
velocity(10)	0.1	0.2	1.97231	3.9	2.38537	7.29932	1.772	1.65529
velocity(10)	0.412311	0.223607	2.1587	4.3382	2.36008	7.11969	1.72627	1.30384
velocity(10)	0.640312	0.223607	2.7074	4.13401	2.19317	7.43303	1.30384	0.860233
velocity(10)	0.412311	0.282843	2.90172	4.06079	1.5	7.39797	1.30384	1.02956
velocity(10)	0.447214	0.223607	2.45967	4.40454	1.36015	7.14703	0.824621	0.989949
velocity(10)	0.5	0.223607	2.02485	4.02244	0.984886	7.14703	0.806226	1.27279
velocity(10)	0.447214	0	2.36008	4.42832	1.55563	7.13092	0.360555	1.56205
velocity(10)	0.6	0.141421	2.40416	3.98121	1.56205	6.9857	0.282843	2.12603
velocity(10)	0.707107	0.141421	1.30384	3.80789	1.44222	7.15542	0.316228	0.509902

velocity(10	0.538516	0.141421	0.640312	3.19531	1.38924	6.8	0.424264	0.223607
velocity(11	0.5	0.3	1.07703	3.21403	0.943398	6.67308	2.90689	2.40832
velocity(11	0.223607	0.141421	1.56525	2.91548	1	6.96348	3.00832	4.13401
velocity(11	0.3	0.316228	1.64012	3.00666	0.707107	6.37809	3.3121	2.28473
velocity(11	0.640312	0.316228	1.84391	2.71662	0.565685	5.59732	3.55106	1.93132
velocity(11	0.640312	0.316228	1.83848	1.83848	0.5	4.54863	3.47131	1.92354
velocity(11	0.5	0.316228	1.36015	1.62788	0.3	4.32782	5.02494	1.72047
velocity(11	0.824621	0	1.96469	1.20416	0.3	3.68782	4.88262	1.52643
velocity(11	2.57099	0.1	1.80278	1.43178	0.282843	3.39706	4.84149	1.55563
velocity(11	2.72947		1.52643	2.19317	0.223607		5.65685	1.70294
velocity(11	2.66833		1.34164	2.22036	0.141421		6.08276	1.92094
velocity(12	2.72947		1.17047	3.30151	0.141421		5.42033	2.08806
velocity(12	3.14006		0.316228	4.03113	0		5.10882	1.5
velocity(12	3.41321		0.2	4.25441	0.1		4.72017	2.54951
velocity(12	3.6		0.1	4.96488	0.1		4.85489	2.54558
velocity(12	3.70135		0.1	5.09215	0.1		5.06063	2.54951
velocity(12	3.20624	0.00E+00	0.412311	4.78017	0.2	0.00E+00	3.62353	2.84253
velocity(12	3.30151	1	0.1	5	0.1	6.08276	3.93573	2.78029
velocity(12	0.632456	5	0.223607	5.33667	0.1	6.08276	3.58469	2.32594
velocity(12	0.565685	2	0.412311	4.86621	0.1	6.7082	3.00167	2.19317
velocity(12	0.5	2	0.223607	5.0636	0.1	8.94427	2.2561	2.14709
velocity(13	0.360555	2.82843	0.223607	4.86621	0.1	8.06226	2.72947	2
velocity(13	0	1	0.3	4.60977	0.1	6	3.2249	1.86011
velocity(13	0.2	3.16228	0.3	4.94773	0.1	8	3	1.76918
velocity(13	0.316228	2	0.4	4.34166	0.1	6.32456	3.05941	1.56205
velocity(13	0.447214	1.41421	0.632456	4.49444	0	9.48683	2.63059	0.989949
velocity(13	0.282843	0.781025	0.860233	4.30813	0	7.00286	3.13209	0.632456
velocity(13	0.6	0.72111	1	3.76962	0.1	6.80661	5.32353	0.5
velocity(13	0.360555	0.223607	0.943398	3.04138	0.1	6.90072	5.90339	0.640312
velocity(13	0.282843	0.412311	3.08707	2.77849	0.1	7.01142	6.45368	0.848528
velocity(13	0.412311	0.640312	3.17648	2.12603	0	7.11126	7.13092	0.9
velocity(14	0.282843	0.360555	3.17648	2.06155	0.4	6.63702	7.06045	0.640312
velocity(14	0.424264	0.3	2.90689	1.62788	0.509902	6.66108	6.67608	0.761577
velocity(14	0.424264	0.6	2.95466	1.02956	0.728011	6.42884	5.54617	1.2
velocity(14	0.424264	0.509902	2.69258	0.761577	0.583095	6.33482	4.53982	1.30384
velocity(14	0.424264	0.509902	2.37697	0.1	0.2	6.33246	3.00832	1.11803
velocity(14	0.282843	0.538516	1.93132	0.447214	0.412311	6.03738	2.76586	0.608276
velocity(14	0.141421	0.447214	1.74642	0.806226	0.316228	5.68243	2.28254	1.30384
velocity(14	0.1	0.538516	1.47648	0.806226	0.282843	5.09902	1.23693	1.82483
velocity(14	0.141421	0.583095	0.948683	0.781025	0.538516	4.38292	2	2.19545
velocity(14	0.141421	0.447214	1.04403	0.806226	0.728011	3.42053	2.80179	2.5
velocity(15	0.141421	0.608276	1.40357	1.34164	0.538516	3.32415	3.48281	2.41661
velocity(15	0	0.3	1.31529	1.61555	0.412311	2.54558	3.90512	2.47386
velocity(15	0	0.360555	1.8	1.67631	0.360555	1.34164	4.16773	2.20907
velocity(15	0	0.707107	1.61245	1.41421	0.583095	0.632456	3.74833	2.2
velocity(15	0	0.412311	1.84391	1.44222	1.02956	0.2	2.06155	2.502
velocity(15	0	0.412311	1.81108	0.905539	1.13137	0.640312	2.16333	2.40208
velocity(15	0.282843	0.447214	2.06155	0.412311	0.806226	0.6	1.8868	2.41868
velocity(15	0	0.3	1.89737	0.223607	0.412311	1.20416	4.32666	2.5632
velocity(15	0	0.509902	1.80278	0.424264	1.08167	1.78045	4.11096	2.23607

velocity(15	0	0.316228	1.84391	0.67082	1.43178	1.36015	4.52548	2.28473
velocity(16	0	0.223607	1.43178	1.0198	2.13776	0.921954	4.64004	1.83576
velocity(16	0.141421	0.2	1.43178	1.04403	2.13776	1.02956	5	1.56205
velocity(16	0.141421	0.223607	1.33417	1.27279	2.00998	1.14018	5.3	1.23693
velocity(16	0	0.6	1.43178	1.76918	1.8	0.781025	4.92443	1.28062
velocity(16	0	0.1	1.41421	2.74591	1.80278	0.412311	4.66476	0.989949
velocity(16	0.141421	0.1	1.4	3.60555	2.0025	1	4.51774	1
velocity(16	0.141421	0	1.20416	4.01622	1.82483	0.640312	5.14296	1.26491
velocity(16	0.141421	0.141421	1.4	4.42832	1.4	0.538516	4.60652	0.948683
velocity(16	0	0.2	1.14018	4.32897	0.72111	0.1	4.83322	1.02956
velocity(16	0	0	0.806226	4.80937	0.6	0.509902	4.3382	1.11803
velocity(17	0	0	0.824621	4.81664	1	0.608276	3.66742	1.26491
velocity(17	0	0	0.8	5.01597	1.08167	1.30384	3.28938	1.52971
velocity(17	0.1	0.2	0.538516	4.60435	0.943398	1.58114	4.93964	2.00998
velocity(17	0.141421	0.141421	0.447214	5.21536	0.72111	2.87924	3.32415	1.61555
velocity(17	0.316228	0	0.223607	4.41814	0.781025	3.41321	3.64005	1.94165
velocity(17	0.316228	0	0.1	3.80526	1.20416	3.73363	3.13847	2.47386
velocity(17	0.2	0.2	0.1	3.62215	1.28062	3.83275	2.71662	3.01496
velocity(17	0.223607	0.1	0.223607	2.8	1.16619	4.11096	2.91548	2.71662
velocity(17	0.141421	0	0	3.30151	1.08167	4.80416	3.38378	2.64764
velocity(17	0.360555	0	0.1	2.80713	0.860233	4.82597	3.58469	2.31948
acceleratio	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
acceleratio	0	0	0	0	0	0	0	0.00E+00
acceleratio	0	0	0	0	0	0	0	0
acceleratio	0	0	0	0	0	0	0	0
acceleratio	0	0	0	0	0	0	0	0
acceleratio	0	0	0	0	0	0	0	0
acceleratio	0	0	0	0	0	0	0	0
acceleratio	0	0	0	0	0	0	0	0
acceleratio	2.14009	0.2	2.2561	2.06155	2.15407	6.35295	0.948683	0
acceleratio	-0.01406	0.1	0.343897	0.092513	0.041384	-0.21292	-0.24158	2.02237
acceleratio	-0.14109	0.2	0.129469	-0.29396	0.14549	0.103364	-0.03629	0.495561
acceleratio	0.49094	0.009902	-0.25359	0.303223	0.063223	-0.11396	0.37321	0.283849
acceleratio	-0.25552	0	-0.09891	0.244988	0.103824	-0.38052	-0.54403	-0.28385
acceleratio	0.255523	-0.2099	0.154825	0.357544	-0.27192	-0.3749	0.038517	0.106945
acceleratio	-0.14136	2.10208	0.275336	-0.48332	-0.03607	-0.14142	-0.13852	0.254355
acceleratio	-0.05417	0.228507	-0.18988	0.177132	0.108679	0.249198	1.62485	-0.13333
acceleratio	0.16096	0.086026	-1.13064	-0.17932	0.025844	-0.26164	2.41587	-0.01644
acceleratio	-0.24814	0.226172	-0.04439	0.449118	-0.19677	0	-0.5356	0.409002
acceleratio	0.054049	-0.04106	-0.13838	0.077665	-0.0762	-0.0772	-0.01026	0.063091
acceleratio	0.035322	-0.0857	0.277298	-0.30514	0.185668	-0.13097	-1.92256	-0.07746
acceleratio	0.177132	0	-0.23578	0.199852	-0.40874	-0.21928	0.501555	0.131664
acceleratio	-0.151	0.012402	0.043882	-0.00927	-0.22603	0.040516	-0.28069	0.164762
acceleratio	0.032261	-0.06256	1.45329	-0.23291	-0.0893	0.143728	-0.13405	0.299689
acceleratio	-0.10487	0	0.281566	-0.33835	0.2657	-0.27588	0.002427	-0.11466
acceleratio	0.083415	-1.64783	0.42273	0.018773	-0.30225	-0.61572	-0.15106	0.017983
acceleratio	0.015041	-0.51803	-0.14977	-0.16019	-0.2783	-0.66774	-0.2105	-0.39863
acceleratio	0.073795	-0.2	0.383154	0.565685	-0.12664	0.40993	-0.4917	0.760069
acceleratio	-0.20605	-0.03944	-0.28021	-0.49376	0	-0.47492	-0.79599	-0.46787

acceleratio	0.197728	0	0.244329	0.069492	0.339602	-0.34429	0.097591	-0.31554
acceleratio	0.14951	-0.13695	-0.05651	0.159031	-0.00705	0.514461	2.29188	0.250973
acceleratio	-0.09798	0.076393	-0.07534	0.275036	0.141421	0.078606	-0.20563	-0.2385
acceleratio	0.241052	0.016228	0.067196	0.127895	-0.11341	0.086429	0.096431	-0.21403
acceleratio	-0.09643	0.096083	0.008144	0.180283	0.278245	-0.23384	0.412253	0.214032
acceleratio	-0.28747	0	0.013533	0.189303	-0.09258	0.512123	-0.12155	-0.18748
acceleratio	0.24083	0.368714	-0.0613	-0.14598	0.216027	0.77731	0.244716	-0.16299
acceleratio	0.05049	-0.11021	0.161261	0.447214	-0.00543	0.647316	0.155782	0.21702
acceleratio	-0.44593	-0.22361	-0.26578	-0.19182	0.048319	-0.06438	-0.63242	-0.62905
acceleratio	0.445934	-0.08666	0.4002	0.632456	-0.1868	0.295928	0.350249	0.022333
acceleratio	-0.22935	0.086659	-0.45723	-0.27763	-0.7	0.424209	0.003222	0.126137
acceleratio	-0.20732	0.537672	-0.1259	0.388024	-0.15147	-0.23271	0.150929	-0.14033
acceleratio	0	0.375261	-0.02846	-0.15679	-0.12742	-0.01981	0.167684	0.048313
acceleratio	-0.17839	-0.15599	0.226902	-0.03619	-0.13802	0.088214	0.211108	-0.35392
acceleratio	0.15515	0.111135	-0.25106	-0.20643	-0.1831	-0.03581	-0.21111	-0.48973
acceleratio	0.140257	-0.09874	-0.09376	0.19429	0.024264	-0.2562	0.127608	0.035668
acceleratio	-0.29541	-0.17252	0.032583	-0.1	0.02295	0.024098	-0.17763	-0.17357
acceleratio	0.235417	-0.34403	0.098837	0.005551	0.185242	-0.21057	0.050023	-0.18479
acceleratio	-0.01809	0.7	-0.062	-0.40399	-0.13246	-0.29978	0.388375	0
acceleratio	-0.35836	1.77805	-0.30245	0.037265	1.30278	-0.30288	-0.09968	-0.04164
acceleratio	0.217644	-0.29881	0.158878	0.098837	0.25635	-0.39083	-0.02432	-0.15983
acceleratio	-0.07661	-0.17924	0.030186	-0.062	0.326246	-0.40897	-0.20931	-0.14018
acceleratio	0.208228	-0.15049	-0.10941	0.119917	0.138514	-0.36669	0.237675	-0.3
acceleratio	-0.16833	0.266516	-0.0847	0.05695	0.177965	-0.22135	-0.18206	0.028011
acceleratio	-0.18909	0.085698	-0.0152	0.281096	0.205037	-0.3116	-0.03555	0.193943
acceleratio	0.357415	-0.00172	0.088417	-0.16432	-0.1284	0.024087	0.052485	0.062931
acceleratio	-0.33306	-0.03644	-0.32109	0.37657	-0.18426	-0.17104	-0.27539	0.457335
acceleratio	0.152354	-0.01751	0.139776	0.074066	0.228894	0.086724	0.004576	0.260718
acceleratio	-0.34813	-0.42531	0.046818	0.209707	0.019415	0.539121	-0.52162	0.217999
acceleratio	0.307977	-2.02074	0.066325	0.074992	-1.77952	0.469189	-0.13374	0.205092
acceleratio	-0.22588	0.1	-0.07321	0.296438	0.014018	-0.42616	1.48608	0.349855
acceleratio	-0.22327	0	-0.13414	-0.19087	-0.49394	0.870907	-0.20584	0.085366
acceleratio	0.006551	-0.05279	-0.43134	0.216879	-0.04458	1.15711	-0.54358	0
acceleratio	0.073416	-0.16437	-0.05417	-0.40809	-0.25567	0.070339	-1.15248	-0.08537
acceleratio	-0.00312	-0.05924	0.105021	-0.59685	-0.14142	0.478919	0.011288	0.069701
acceleratio	-0.49546	-0.02361	-0.0084	-0.36639	0.219134	0.460275	0.183803	0.282843
acceleratio	0.112016	0.023607	-0.22988	-0.36959	0.149347	-0.01202	-0.43439	0
acceleratio	-0.19675	0	-0.24972	-0.45307	0.098374	0.056162	-0.44334	-0.02664
acceleratio	0.411978	0.276393	-0.26949	0.268746	-0.50828	0.110202	0.675838	-0.1092
acceleratio	-0.31375	0.009902	-0.29372	-0.19985	-0.1	0.072247	-0.76005	0.170982
acceleratio	0.048156	0.098374	-0.13001	-0.202	0.223607	0.357328	0.657779	0.21702
acceleratio	0.13765	0.19795	-0.19917	0.401851	-0.12361	-0.08958	-0.29722	-0.0973
acceleratio	-0.09968	0.042302	0	-0.49958	0.123607	-0.22	-0.58212	-0.0405
acceleratio	-0.14115	0.045899	-0.19876	0.497728	-0.08219	0.090963	-0.92066	-0.0985
acceleratio	-0.06301	-0.13285	-0.26771	0.606055	0.270889	-0.11841	0.238516	-0.23661
acceleratio	0.252996	0.086951	-0.43852	0.605466	0.087689	-0.36885	0.538516	-0.00768
acceleratio	0.223486	0.09487	0.041421	0.19944	0.306226	-0.18223	-0.51135	-0.2
acceleratio	0.104657	0.041488	0	0.705677	-0.09912	0.173811	-0.20513	-0.4895
acceleratio	-0.10466	-0.31407	0.058579	-0.26252	0.198432	-0.52903	0.561399	-0.09942
acceleratio	0.303967	-0.17082	0	0.084846	-0.09931	-0.2008	-0.06755	-0.60692

acceleratio	-0.03402	0.140312	0	0.286479	-0.16591	-0.18659	0	-0.5717
acceleratio	-0.26994	-0.04031	0	-0.4077	0.066794	0.017784	-0.40719	-0.12255
acceleratio	0.139067	-0.37639	0	0.586177	-0.06679	-0.04188	-0.22361	0.495086
acceleratio	-0.03441	0.136948	0	-0.70278	-0.32409	-0.34041	0.408849	0.099549
acceleratio	-0.09453	-0.13695	0	-0.50114	0.404882	-0.24077	-0.18524	-0.08473
acceleratio	-0.28245	-0.12361	-0.05858	-0.37722	-0.43827	0.035807	0	-0.1654
acceleratio	-0.30973	0.123607	0.058579	0.360515	0.478735	0.04637	0.052786	-0.13329
acceleratio	-0.31133	-0.12361	0.082843	-0.20634	0.098655	-0.51078	0.140312	0.139122
acceleratio	-0.17079	-0.1	-0.08284	0.223045	-0.41302	0.619607	-0.07463	-0.13222
acceleratio	-0.12947	0	0.2	0.039543	0.377408	-0.32353	0.497329	0
acceleratio	0.164371	0.2	0.2	0.171418	0.740626	0.656156	-0.20278	0.488542
acceleratio	-0.22361	-0.1	0.032456	-0.06127	0.143553	0.46737	-0.63663	0.286777
acceleratio	0.359488	-0.1	0.221945	0	0.080054	0.412488	0.136948	-0.09976
acceleratio	-0.04458	0.223607	-0.02978	0.377497	-0.64868	0.23582	-0.13695	0.148851
acceleratio	-0.25567	-0.22361	0.075379	0.381137	0.063984	0.437593	-0.12361	0.469957
acceleratio	-0.05924	0	0	0.411827	-0.19917	-0.239	0	-0.19755
acceleratio	0	0.223607	0.218034	-0.1982	1.09739	0.041499	0	0.197546
acceleratio	-0.08219	0.136948	0	-0.23656	0.514871	0.410919	0.347214	-0.2196
acceleratio	0.082185	0	0.381966	-0.29429	-0.11725	-0.0302	0	1.78191
acceleratio	-0.02361	0	0.302776	0.192913	-0.21965	0.227553	-0.22361	0.359927
acceleratio	-0.1	-0.16056	0.169533	-0.78402	0.105021	-0.19735	1.5484	-2.28932
acceleratio	0.312311	0.023607	0.186395	0.438202	-0.02529	-0.17962	-0.04574	-0.35145
acceleratio	0.228002	0	0.548694	-0.2042	-0.16691	0.313343	-0.42243	-0.44361
acceleratio	-0.228	0.059236	0.194326	-0.07322	-0.69317	-0.03506	0	0.16933
acceleratio	0.034903	-0.05924	-0.44205	0.343755	-0.13985	-0.25095	-0.47922	-0.03961
acceleratio	0.052786	0	-0.43483	-0.38211	-0.37526	0	-0.0184	0.282843
acceleratio	-0.05279	-0.22361	0.335239	0.405881	0.570749	-0.01611	-0.44567	0.289258
acceleratio	0.152786	0.141421	0.044078	-0.44711	0.006415	-0.14522	-0.07771	0.563979
acceleratio	0.107107	0	-1.10032	-0.17332	-0.11983	0.169718	0.033385	-1.61613
acceleratio	-0.16859	0	-0.66353	-0.61258	-0.05298	-0.35542	0.108036	-0.2863
acceleratio	-0.03852	0.158579	0.436721	0.018723	-0.44585	-0.12692	2.48262	2.18471
acceleratio	-0.27639	-0.15858	0.488215	-0.29856	0.056602	0.290396	0.101433	1.72569
acceleratio	0.076393	0.174806	0.074874	0.091183	-0.29289	-0.58539	0.303777	-1.84927
acceleratio	0.340312	0	0.203787	-0.29004	-0.14142	-0.78077	0.238957	-0.35341
acceleratio	0	0	-0.00543	-0.87814	-0.06569	-1.04869	-0.07975	-0.00778
acceleratio	-0.14031	0	-0.47833	-0.2106	-0.2	-0.22081	1.55363	-0.20307
acceleratio	0.324621	-0.31623	0.604541	-0.42372	0	-0.64	-0.14232	-0.19403
acceleratio	1.74637	0.1	-0.16191	0.227623	-0.01716	-0.29076	-0.04113	0.029201
acceleratio	0.158477	-0.0125	-0.27634	0.761389	-0.05924	-0.42463	0.815367	0.147304
acceleratio	-0.06114		-0.18479	0.027189	-0.08219		0.425908	0.217999
acceleratio	0.061136		-0.17117	1.08115	0		-0.66243	0.167124
acceleratio	0.410595		-0.85424	0.729614	-0.14142		-0.31152	-0.58806
acceleratio	0.273146		-0.11623	0.223281	0.1		-0.38865	1.04951
acceleratio	0.18679		-0.1	0.710467	0		0.134725	-0.00393
acceleratio	0.101351		0	0.127274	0		0.205738	0.003925
acceleratio	-0.49511		0.312311	-0.31198	0.1		-1.4371	0.293024
acceleratio	0.095271	1	-0.31231	0.219833	-0.1	6.08276	0.3122	-0.06225
acceleratio	-2.66906	4	0.123607	0.336666	0	0	-0.35104	-0.45435
acceleratio	-0.06677	-3	0.188704	-0.47046	0	0.625441	-0.58302	-0.13277
acceleratio	-0.06569	0	-0.1887	0.197386	0	2.23607	-0.74556	-0.04608

acceleratio	-0.13945	0.828427	0	-0.19739	0	-0.88201	0.473366	-0.14709
acceleratio	-0.36056	-1.82843	0.076393	-0.25644	0	-2.06226	0.495434	-0.13989
acceleratio	0.2	2.16228	0	0.337955	0	2	-0.2249	-0.09093
acceleratio	0.116228	-1.16228	0.1	-0.60607	0	-1.67544	0.059412	-0.20713
acceleratio	0.130986	-0.58579	0.232456	0.152782	-0.1	3.16228	-0.42882	-0.5721
acceleratio	-0.16437	-0.63319	0.227777	-0.18631	0	-2.48398	0.501503	-0.35749
acceleratio	0.317157	-0.05991	0.139767	-0.53852	0.1	-0.19624	2.19144	-0.13246
acceleratio	-0.23945	-0.4975	-0.0566	-0.72823	0	0.09411	0.579856	0.140312
acceleratio	-0.07771	0.188704	2.14367	-0.26289	0	0.110695	0.550292	0.208216
acceleratio	0.129468	0.228002	0.089406	-0.65246	-0.1	0.099839	0.677237	0.051472
acceleratio	-0.12947	-0.27976	0	-0.06448	0.4	-0.47424	-0.07047	-0.25969
acceleratio	0.141421	-0.06056	-0.26959	-0.43367	0.109902	0.024064	-0.38438	0.121265
acceleratio	0	0.3	0.047769	-0.59832	0.218109	-0.23224	-1.12991	0.438423
acceleratio	0	-0.0901	-0.26208	-0.26799	-0.14492	-0.09402	-1.00635	0.10384
acceleratio	0	0	-0.31561	-0.66158	-0.3831	-0.00237	-1.5315	-0.18581
acceleratio	-0.14142	0.028615	-0.44565	0.347214	0.212311	-0.29507	-0.24246	-0.50976
acceleratio	-0.14142	-0.0913	-0.1849	0.359012	-0.09608	-0.35495	-0.48332	0.695564
acceleratio	-0.04142	0.091303	-0.26994	0	-0.03339	-0.58341	-1.04561	0.520988
acceleratio	0.041421	0.044579	-0.5278	-0.0252	0.255674	-0.7161	0.763068	0.370621
acceleratio	0	-0.13588	0.095347	0.025201	0.189495	-0.9624	0.801785	0.30455
acceleratio	0	0.161063	0.359536	0.535415	-0.1895	-0.09637	0.68103	-0.08339
acceleratio	-0.14142	-0.30828	-0.08827	0.273909	-0.12621	-0.77857	0.42231	0.057254
acceleratio	0	0.060555	0.484705	0.060756	-0.05176	-1.20394	0.262608	-0.26479
acceleratio	0	0.346552	-0.18755	-0.26209	0.22254	-0.70919	-0.4194	-0.00907
acceleratio	0	-0.2948	0.231457	0.028007	0.446468	-0.43246	-1.68678	0.301999
acceleratio	0	0	-0.03283	-0.53668	0.101808	0.440312	0.101778	-0.09992
acceleratio	0.282843	0.034903	0.250476	-0.49323	-0.32515	-0.04031	-0.27654	0.016595
acceleratio	-0.28284	-0.14721	-0.16419	-0.1887	-0.39392	0.604159	2.43987	0.144524
acceleratio	0	0.209902	-0.09459	0.200657	0.669355	0.57629	-0.2157	-0.32713
acceleratio	0	-0.19367	0.041133	0.246556	0.350117	-0.4203	0.414522	0.048664
acceleratio	0	-0.09262	-0.41213	0.348984	0.705974	-0.43819	0.11456	-0.44898
acceleratio	0.141421	-0.02361	0	0.024227	0	0.107609	0.359957	-0.27371
acceleratio	0	0.023607	-0.09762	0.228762	-0.12778	0.110612	0.3	-0.32512
acceleratio	-0.14142	0.376393	0.097616	0.496388	-0.20998	-0.35915	-0.37557	0.043693
acceleratio	0	-0.5	-0.01757	0.976725	0.002776	-0.36871	-0.25967	-0.29068
acceleratio	0.141421	0	-0.01421	0.859645	0.199723	0.587689	-0.14702	0.010051
acceleratio	0	-0.1	-0.19584	0.410666	-0.17767	-0.35969	0.625214	0.264911
acceleratio	0	0.141421	0.195841	0.412101	-0.42483	-0.1018	-0.53644	-0.31623
acceleratio	-0.14142	0.058579	-0.25983	-0.09935	-0.67889	-0.43852	0.226701	0.08088
acceleratio	0	-0.2	-0.33395	0.480394	-0.12111	0.409902	-0.49502	0.088471
acceleratio	0	0	0.018395	0.007272	0.4	0.098374	-0.67078	0.146877
acceleratio	0	0	-0.02462	0.199337	0.081665	0.695564	-0.37805	0.264795
acceleratio	0.1	0.2	-0.26148	-0.41163	-0.13827	0.277298	1.65026	0.480269
acceleratio	0.041421	-0.05858	-0.0913	0.611016	-0.22229	1.2981	-1.61548	-0.39443
acceleratio	0.174806	-0.14142	-0.22361	-0.79722	0.059915	0.533974	0.315901	0.326099
acceleratio	0	0	-0.12361	-0.61289	0.423134	0.320421	-0.50158	0.532215
acceleratio	-0.11623	0.2	0	-0.18311	0.076465	0.099123	-0.42186	0.541099
acceleratio	0.023607	-0.1	0.123607	-0.82215	-0.11443	0.278207	0.19886	-0.29835
acceleratio	-0.08219	-0.1	-0.22361	0.501515	-0.08453	0.693204	0.468309	-0.06898
acceleratio	0.219134	0	0.1	-0.49438	-0.22143	0.021807	0.200905	-0.32816

acceleratio 1.46E-302 1.28174e-3 1.46E-302 1.46E-302 1.46E-302 1.28174e-3 1.46E-302 1.07171e-3

