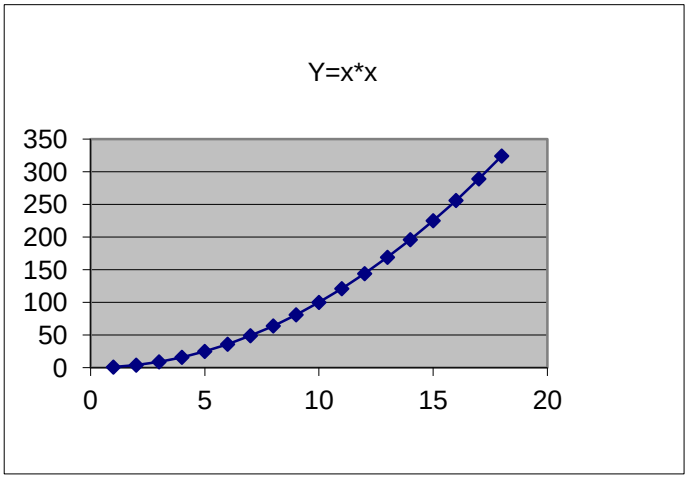
X	Y=x*x
1	1
2	4
3	9
4	16
5	25
6	36
7	49
8	64
9	81
10	100
11	121
12	144
13	169
14	196
15	225
16	256
17	289
18	324

X	Y=sin(x)
0	0
0.3	0.29552
0.6	0.564642
0.9	0.783327
1.2	



day	temp °C
4/1/2008	11
4/2/2008	10
4/3/2008	10
4/4/2008	9
4/5/2008	8
4/6/2008	7
4/7/2008	8
4/8/2008	9
4/9/2008	4
4/10/2008	9
4/11/2008	8
4/12/2008	7
4/13/2008	8
4/14/2008	9
4/15/2008	12
4/16/2008	13
4/17/2008	15
4/18/2008	11
4/19/2008	12
4/20/2008	10
4/21/2008	9
4/22/2008	8
4/23/2008	9
4/24/2008	11
4/25/2008	10
4/26/2008	9
4/27/2008	6
4/28/2008	6
4/29/2008	7
4/30/2008	12

with EXCEL functions

N=		´=count
average month temperature=		´=average
minimum=		´=min
maximum=		´=max
range=		´=max - =min
modus=		´=mode
median=		´=median
sample variance=		´=var
sample standard deviation=		´=stdev

"manually" with math formulas in EXCEL

AVERAGE

$$\overline{x} = \frac{\sum_{i=1}^{N} X_i}{N}$$

VARIANCE (sample)

$$s^2 = \frac{\sum_{i=1}^{n} (X_i - \overline{X}$$

sample standard deviation

$$s = \sqrt{s^2}$$

$)^2$

body weight

men	**women**
82	57
87	62
93	58
74	71
68	49
81	56
80	60
67	53
104	71
69	64
75	58
71	49
81	68
96	61
89	54
79	57
109	60
87	47
63	58
75	61
77	67
64	54
59	47
81	64
70	76
69	63
86	67
80	52
81	
91	

	men	women
count		
arit. average		
max		
min		
modus		
median		
variance (population)		
variance (sample)		
stand. dev. (population)		
stand. dev. (sample)		
N		
min		
0.25 percentile		
0.5 percentile		
0.75 percentile		
max		

histogram

length in inches	2.54	
	conversion (cm)	count
0.4		arit. average
0.33		max
1.37		min
0.68		modus
0.61		**median**
0.06		variance (population)
1.76		variance (sample)
0.75		stand. dev. (population)
1.91		stand. dev. (sample)
0.72		
0.79		
1.28		0.9 percentil
0.6		0.5 percentil
0.14		0.1 percentil
0.02		
1.2		
1.37		
0.27		
1.27		
1.01		
0.22		
0.72		
1.37		
0.22		
0.52		
0.09		
1.7		
0.83		
0.25		
1.41		
0.23		
0.14		

frequency	class
	0.5
	1
	1.5
	2
	2.5
	3
	3.5
	4
	4.5
	5