

$$Y = \frac{1}{\quad} X + \frac{0}{\quad}$$

x^5	x^4	x^3	x^2
0	0	0	0
10	10	10	10

x^1

K

1 0
11 25

-50 -50
-49 -49
-48 -48
-47 -47
-46 -46
-45 -45
-44 -44
-43 -43
-42 -42
-41 -41
-40 -40
-39 -39
-38 -38
-37 -37
-36 -36
-35 -35
-34 -34
-33 -33
-32 -32
-31 -31
-30 -30
-29 -29
-28 -28
-27 -27
-26 -26
-25 -25
-24 -24
-23 -23
-22 -22
-21 -21
-20 -20
-19 -19
-18 -18
-17 -17
-16 -16
-15 -15
-14 -14
-13 -13
-12 -12
-11 -11
-10 -10
-9 -9
-8 -8
-7 -7
-6 -6
-5 -5
-4 -4
-3 -3
-2 -2
-1 -1
0 0
1 1
2 2
3 3

4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50

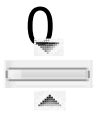
$$Y = \underline{0.15} + \underline{0} X + \underline{0}$$

x^5	x^4	x^3	x^2	x^1	K
0	0	0	0.15	0	0
10	10	10	23	10	25

-50	375
-49	360.15
-48	345.6
-47	331.35
-46	317.4
-45	303.75
-44	290.4
-43	277.35
-42	264.6
-41	252.15
-40	240
-39	228.15
-38	216.6
-37	205.35
-36	194.4
-35	183.75
-34	173.4
-33	163.35
-32	153.6
-31	144.15
-30	135
-29	126.15
-28	117.6
-27	109.35
-26	101.4
-25	93.75
-24	86.4
-23	79.35
-22	72.6
-21	66.15
-20	60
-19	54.15
-18	48.6
-17	43.35
-16	38.4
-15	33.75
-14	29.4
-13	25.35
-12	21.6
-11	18.15
-10	15
-9	12.15
-8	9.6
-7	7.35
-6	5.4
-5	3.75
-4	2.4
-3	1.35
-2	0.6
-1	0.15
0	0
1	0.15
2	0.6
3	1.35

4	2.4
5	3.75
6	5.4
7	7.35
8	9.6
9	12.15
10	15
11	18.15
12	21.6
13	25.35
14	29.4
15	33.75
16	38.4
17	43.35
18	48.6
19	54.15
20	60
21	66.15
22	72.6
23	79.35
24	86.4
25	93.75
26	101.4
27	109.35
28	117.6
29	126.15
30	135
31	144.15
32	153.6
33	163.35
34	173.4
35	183.75
36	194.4
37	205.35
38	216.6
39	228.15
40	240
41	252.15
42	264.6
43	277.35
44	290.4
45	303.75
46	317.4
47	331.35
48	345.6
49	360.15
50	375

$$Y = \underset{\substack{\uparrow \\ \text{intercept}}}{-0 \square} + \underset{\substack{\uparrow \\ \text{intercept}}}{0.60} + \underset{\substack{\uparrow \\ \text{slope}}}{-2} X +$$



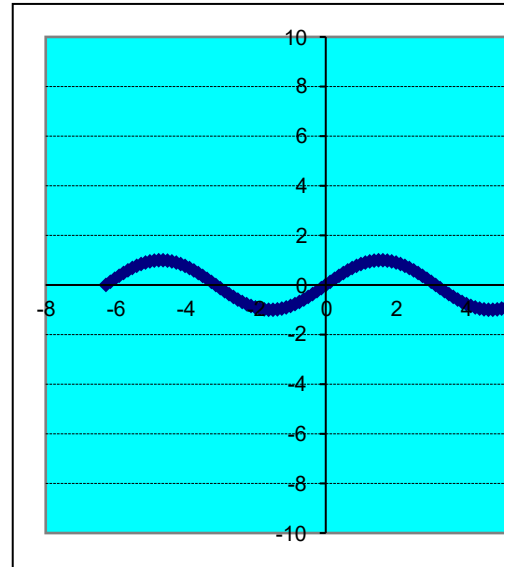
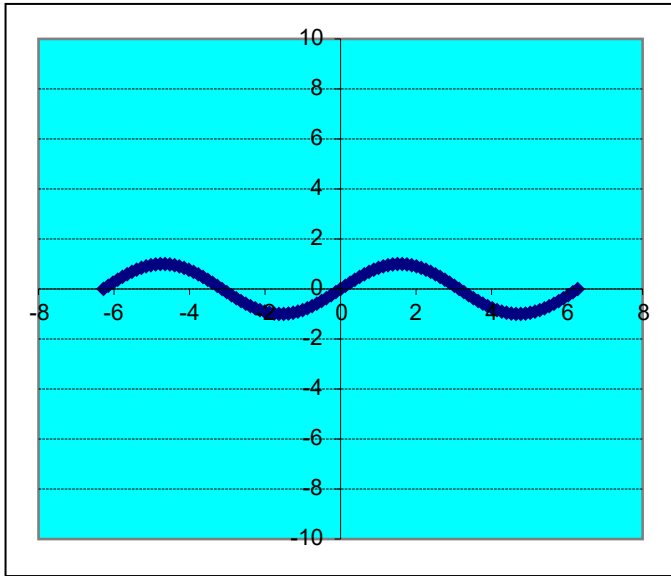
x^5	x^4	x^3	x^2	x^1	K
0	0	-0.05	0.8	-2	0
10	10	9	36	8	25

-50	8350
-49	7901.25
-48	7468.8
-47	7052.35
-46	6651.6
-45	6266.25
-44	5896
-43	5540.55
-42	5199.6
-41	4872.85
-40	4560
-39	4260.75
-38	3974.8
-37	3701.85
-36	3441.6
-35	3193.75
-34	2958
-33	2734.05
-32	2521.6
-31	2320.35
-30	2130
-29	1950.25
-28	1780.8
-27	1621.35
-26	1471.6
-25	1331.25
-24	1200
-23	1077.55
-22	963.6
-21	857.85
-20	760
-19	669.75
-18	586.8
-17	510.85
-16	441.6
-15	378.75
-14	322
-13	271.05
-12	225.6
-11	185.35
-10	150
-9	119.25
-8	92.8
-7	70.35
-6	51.6
-5	36.25
-4	24
-3	14.55
-2	7.6
-1	2.85
0	0
1	-1.25
2	-1.2
3	-0.15

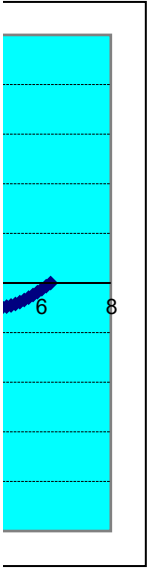
4	1.6
5	3.75
6	6
7	8.05
8	9.6
9	10.35
10	10
11	8.25
12	4.8
13	-0.65
14	-8.4
15	-18.75
16	-32
17	-48.45
18	-68.4
19	-92.15
20	-120
21	-152.25
22	-189.2
23	-231.15
24	-278.4
25	-331.25
26	-390
27	-454.95
28	-526.4
29	-604.65
30	-690
31	-782.75
32	-883.2
33	-991.65
34	-1108.4
35	-1233.75
36	-1368
37	-1511.45
38	-1664.4
39	-1827.15
40	-2000
41	-2183.25
42	-2377.2
43	-2582.15
44	-2798.4
45	-3026.25
46	-3266
47	-3517.95
48	-3782.4
49	-4059.65
50	-4350

$$Y = 1 \sin(x)$$

$$Y = \sin(1x)$$



x^5	x^4	x^3	x^2
0	0	0	0
10	10	10	10



x^1

K

1 2
11 27

-6.280	0.0032	0.003185
-6.154	0.1284	0.12843
-6.029	0.2517	0.251651
-5.903	0.3709	0.370907
-5.778	0.4843	0.48432
-5.652	0.5901	0.590102
-5.526	0.6866	0.686588
-5.401	0.7723	0.772256
-5.275	0.8458	0.845759
-5.150	0.9059	0.905936
-5.024	0.9518	0.951841
-4.898	0.9827	0.98275
-4.773	0.9982	0.998176
-4.647	0.9979	0.997876
-4.522	0.9819	0.981855
-4.396	0.9504	0.950365
-4.270	0.9039	0.903903
-4.145	0.8432	0.8432
-4.019	0.7692	0.769212
-3.894	0.6831	0.683106
-3.768	0.5862	0.586238
-3.642	0.4801	0.480134
-3.517	0.3665	0.366465
-3.391	0.2470	0.247023
-3.266	0.1237	0.12369
-3.140	-0.0016	-0.00159
-3.014	-0.1268	-0.12685
-2.889	-0.2501	-0.25011
-2.763	-0.3694	-0.36943
-2.638	-0.4829	-0.48293
-2.512	-0.5888	-0.58882
-2.386	-0.6854	-0.68543
-2.261	-0.7712	-0.77124
-2.135	-0.8449	-0.84491
-2.010	-0.9053	-0.90526
-1.884	-0.9514	-0.95135
-1.758	-0.9825	-0.98245
-1.633	-0.9981	-0.99808
-1.507	-0.9980	-0.99798
-1.382	-0.9822	-0.98216
-1.256	-0.9509	-0.95086
-1.130	-0.9046	-0.90458
-1.005	-0.8441	-0.84405
-0.879	-0.7702	-0.77023
-0.754	-0.6843	-0.68427
-0.628	-0.5875	-0.58753
-0.502	-0.4815	-0.48153
-0.377	-0.3679	-0.36795
-0.251	-0.2486	-0.24857
-0.126	-0.1253	-0.12527
0.000	0.0000	5.27E-15
0.126	0.1253	0.12527
0.251	0.2486	0.248566
0.377	0.3679	0.367947

0.502	0.4815	0.48153
0.628	0.5875	0.587528
0.754	0.6843	0.684268
0.879	0.7702	0.770229
1.005	0.8441	0.844055
1.130	0.9046	0.904583
1.256	0.9509	0.950859
1.382	0.9822	0.982156
1.507	0.9980	0.997978
1.633	0.9981	0.998078
1.758	0.9825	0.982454
1.884	0.9514	0.951351
2.010	0.9053	0.905261
2.135	0.8449	0.844908
2.261	0.7712	0.771244
2.386	0.6854	0.685429
2.512	0.5888	0.588816
2.638	0.4829	0.482926
2.763	0.3694	0.369427
2.889	0.2501	0.250109
3.014	0.1268	0.12685
3.140	0.0016	0.001593
3.266	-0.1237	-0.12369
3.391	-0.2470	-0.24702
3.517	-0.3665	-0.36647
3.642	-0.4801	-0.48013
3.768	-0.5862	-0.58624
3.894	-0.6831	-0.68311
4.019	-0.7692	-0.76921
4.145	-0.8432	-0.8432
4.270	-0.9039	-0.9039
4.396	-0.9504	-0.95037
4.522	-0.9819	-0.98185
4.647	-0.9979	-0.99788
4.773	-0.9982	-0.99818
4.898	-0.9827	-0.98275
5.024	-0.9518	-0.95184
5.150	-0.9059	-0.90594
5.275	-0.8458	-0.84576
5.401	-0.7723	-0.77226
5.526	-0.6866	-0.68659
5.652	-0.5901	-0.5901
5.778	-0.4843	-0.48432
5.903	-0.3709	-0.37091
6.029	-0.2517	-0.25165
6.154	-0.1284	-0.12843
6.280	-0.0032	-0.00319