

Slopes vs. gradients vs. % grades are indicated below:

Slope (degrees)	Gradient		% grade
	Y	X	
0.1	1	573.0	0.17
0.2	1	286.5	0.35
0.3	1	191.0	0.52
0.4	1	143.2	0.70
0.5	1	114.6	0.87
0.57	1	100	<b>1</b>
0.6	1	95.49	1.05
0.7	1	81.85	1.22
0.8	1	71.62	1.40
0.9	1	63.66	1.57
<b>1</b>	1	57.29	1.75
2	1	28.64	3.49
3	1	19.08	5.24
4	1	14.30	6.99
5	1	11.43	8.75

Slope (degrees)	Gradient		% grade
	Y	X	
5.74	1	10	<b>10</b>
6	1	9.514	10.5
7	1	8.144	12.3
8	1	7.115	14.1
9	1	6.314	15.8
<b>10</b>	1	5.671	17.6
11	1	5.145	19.4
12	1	4.705	21.3
13	1	4.331	23.1
14	1	4.011	24.9
15	1	3.732	26.8
16	1	3.487	28.7
17	1	3.271	30.6
18	1	3.078	32.5
19	1	2.904	34.4
20	1	2.747	36.4

Slope (degrees)	Gradient		% grade
	Y	X	
21	1	2.605	38.4
22	1	2.475	40.4
23	1	2.356	42.4
24	1	2.246	44.5
25	1	2.145	46.6
26	1	2.050	48.8
27	1	1.963	51.0
28	1	1.881	53.2
29	1	1.804	55.4
30	1	1.732	57.7
31	1	1.664	60.1
32	1	1.600	62.5
33	1	1.540	64.9
34	1	1.483	67.5
35	1	1.428	70.0
36	1	1.376	72.7



Slope (degrees)	Gradient		% grade
	Y	X	
37	1	1.327	75.4
38	1	1.280	78.1
39	1	1.235	81.0
40	1	1.192	83.9
41	1	1.150	86.9
42	1	1.111	90.0
43	1	1.072	93.3
44	1	1.036	96.6
45	1	1.000	100.