

GRADIENT CHART



GRADIENT = X%	GRADIENT = X%	GRADIENT = X%	GRADIENT = X%
1: 10 = 10.000	1: 53 = 1.887	1: 96 = 1.042	1: 295 = 0.339
1: 11 = 9.091	1: 54 = 1.852	1: 97 = 1.031	1: 300 = 0.333
1: 12 = 8.333	1: 55 = 1.818	1: 98 = 1.020	1: 310 = 0.323
1: 13 = 7.692	1: 56 = 1.786	1: 99 = 1.010	1: 320 = 0.313
1: 14 = 7.143	1: 57 = 1.755	1: 100 = 1.000	1: 330 = 0.303
1: 15 = 6.667	1: 58 = 1.724	1: 105 = 0.952	1: 340 = 0.294
1: 16 = 6.250	1: 59 = 1.695	1: 110 = 0.909	1: 350 = 0.286
1: 17 = 5.882	1: 60 = 1.667	1: 115 = 0.870	1: 360 = 0.278
1: 18 = 5.556	1: 61 = 1.639	1: 120 = 0.833	1: 370 = 0.270
1: 19 = 5.263	1: 62 = 1.613	1: 125 = 0.800	1: 380 = 0.263
1: 20 = 5.000	1: 63 = 1.587	1: 130 = 0.769	1: 390 = 0.256
1: 21 = 4.762	1: 64 = 1.563	1: 135 = 0.741	1: 400 = 0.250
1: 22 = 4.545	1: 65 = 1.539	1: 140 = 0.714	1: 410 = 0.244
1: 23 = 4.348	1: 66 = 1.515	1: 145 = 0.690	1: 420 = 0.238
1: 24 = 4.167	1: 67 = 1.493	1: 150 = 0.667	1: 430 = 0.233
1: 25 = 4.000	1: 68 = 1.471	1: 155 = 0.645	1: 440 = 0.227
1: 26 = 3.846	1: 69 = 1.449	1: 160 = 0.625	1: 450 = 0.222
1: 27 = 3.704	1: 70 = 1.429	1: 165 = 0.606	1: 460 = 0.217
1: 28 = 3.572	1: 71 = 1.408	1: 170 = 0.588	1: 470 = 0.213
1: 29 = 3.448	1: 72 = 1.389	1: 175 = 0.571	1: 480 = 0.208
1: 30 = 3.333	1: 73 = 1.370	1: 180 = 0.556	1: 490 = 0.204
1: 31 = 3.226	1: 74 = 1.351	1: 185 = 0.541	1: 500 = 0.200
1: 32 = 3.125	1: 75 = 1.333	1: 190 = 0.526	1: 525 = 0.190
1: 33 = 3.030	1: 76 = 1.316	1: 195 = 0.513	1: 550 = 0.182
1: 34 = 2.941	1: 77 = 1.299	1: 200 = 0.500	1: 575 = 0.174
1: 35 = 2.857	1: 78 = 1.282	1: 205 = 0.488	1: 600 = 0.167
1: 36 = 2.778	1: 79 = 1.266	1: 210 = 0.476	1: 625 = 0.160
1: 37 = 2.703	1: 80 = 1.250	1: 215 = 0.465	1: 650 = 0.154
1: 38 = 2.632	1: 81 = 1.235	1: 220 = 0.455	1: 675 = 0.148
1: 39 = 2.564	1: 82 = 1.219	1: 225 = 0.444	1: 700 = 0.143
1: 40 = 2.500	1: 83 = 1.205	1: 230 = 0.435	1: 725 = 0.138
1: 41 = 2.439	1: 84 = 1.190	1: 235 = 0.426	1: 750 = 0.133
1: 42 = 2.381	1: 85 = 1.176	1: 240 = 0.417	1: 775 = 0.129
1: 43 = 2.325	1: 86 = 1.163	1: 245 = 0.408	1: 800 = 0.125
1: 44 = 2.273	1: 87 = 1.149	1: 250 = 0.400	1: 825 = 0.121
1: 45 = 2.222	1: 88 = 1.136	1: 255 = 0.392	1: 850 = 0.118
1: 46 = 2.174	1: 89 = 1.124	1: 260 = 0.385	1: 875 = 0.114
1: 47 = 2.128	1: 90 = 1.111	1: 265 = 0.377	1: 900 = 0.111
1: 48 = 2.083	1: 91 = 1.099	1: 270 = 0.370	1: 925 = 0.108
1: 49 = 2.041	1: 92 = 1.087	1: 275 = 0.364	1: 950 = 0.105
1: 50 = 2.000	1: 93 = 1.075	1: 280 = 0.357	1: 975 = 0.103
1: 51 = 1.961	1: 94 = 1.064	1: 285 = 0.351	1: 1000 = 0.100
1: 52 = 1.923	1: 95 = 1.053	1: 290 = 0.345	1: 1050 = 0.095

HOW TO GET YOUR PERCENTS



Height difference between
Manhole "A" and Manhole "B" = 0.17 Metres
Length between Manhole "A" and Manhole "B" = 25.00 Metres

Formula 1

$$\text{Percents} = \frac{\text{Height difference} \times 100}{\text{Length}} = \frac{0.17 \times 100}{25.00} = 0.68\%$$

Formula 2

$$\text{Proportion} = \frac{25.00 \text{ Metres}}{0.17 \text{ Metres}} = 1 : 147$$

$$\text{Percents} = \frac{1}{147} \times 100 = 0.68\%$$

