

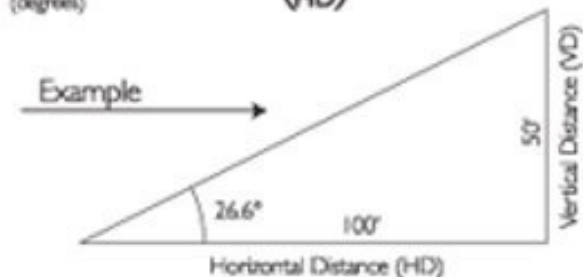
DEGREES	PERCENT (%)	RATIO (H:V)
5.7	10	10:01
10	17.6	
14	25	4:01
18	33.5	3:01
19.3	35	
20	36.4	
24.2	45	
26.1	49	
26.6	50	2:01
30	57.7	
33	66.7	1.5:1
35	70	
38.6	80	
42	90	
45	100	1:01
55	142.8	
60	173.2	

## Slope Determination Formulas

Slope Ratio: HD:VD

Slope Percent:  $\left(\frac{VD}{HD}\right) \times 100$

Slope Angle:  
(degrees)  $\text{Arctan}\left(\frac{VD}{HD}\right)$



## Examples

Slope Ratio: 100:50 = 2:1

Slope Percent:  $\left(\frac{50}{100}\right) \times 100 = 50\%$

Slope Angle:  
(degrees)  $\text{Arctan}\left(\frac{50}{100}\right) = 26.6^\circ$