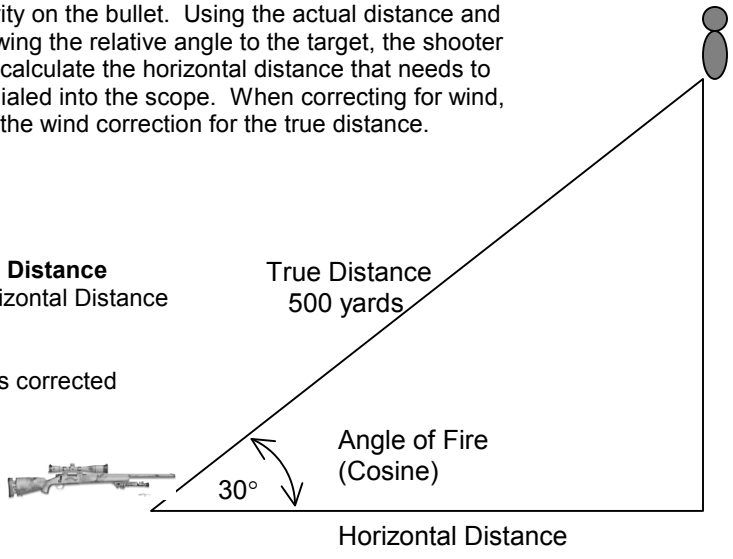
Angle Fire

Angle	Cosine
0	0
10	.98
20	.94
30	.87
40	.77
50	.64
60	.50
70	.34
80	.17
90	0

When shooting at a target that is uphill or downhill, the shooter will have to correct for the effects of gravity on the bullet. Using the actual distance and knowing the relative angle to the target, the shooter can calculate the horizontal distance that needs to be dialed into the scope. When correcting for wind, use the wind correction for the true distance.

Formula for Correcting Distance
True Distance X Cosine = Horizontal Distance

Example
500 yds X .87 = 435 yards corrected



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