

STEP 1: $GF = GB \times \sin A$

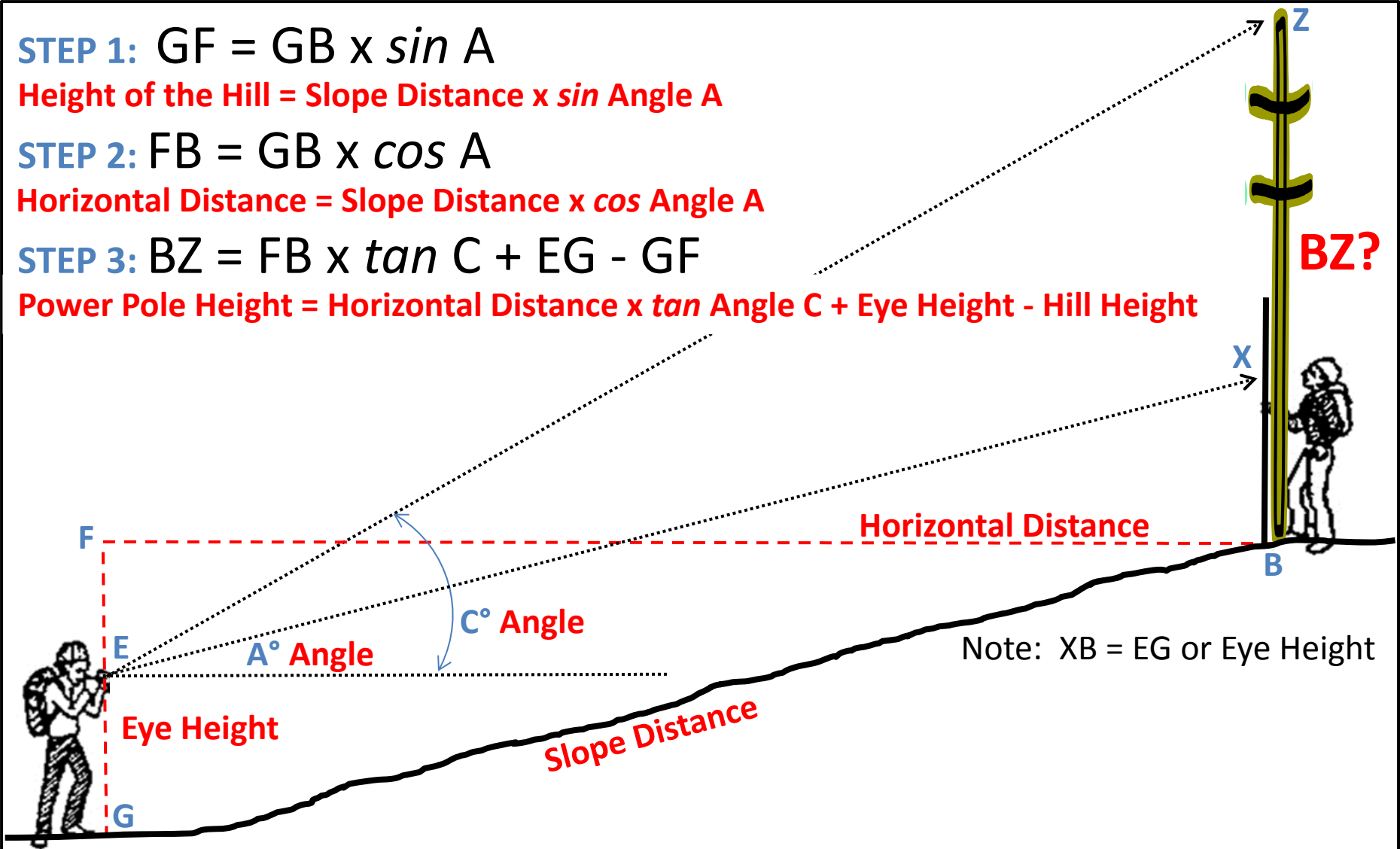
Height of the Hill = Slope Distance $\times \sin$ Angle A

STEP 2: $FB = GB \times \cos A$

Horizontal Distance = Slope Distance $\times \cos$ Angle A

STEP 3: $BZ = FB \times \tan C + EG - GF$

Power Pole Height = Horizontal Distance $\times \tan$ Angle C + Eye Height - Hill Height



How to Measure the Height of an Object atop Landform