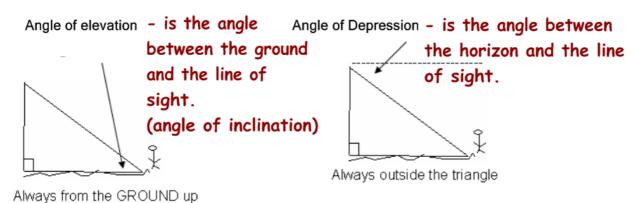
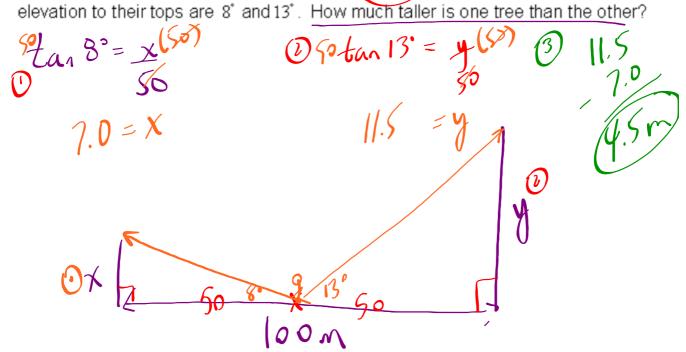


Applications of Right Angle Trigonometry

ANGLE OF ELEVATION/DEPRESSION



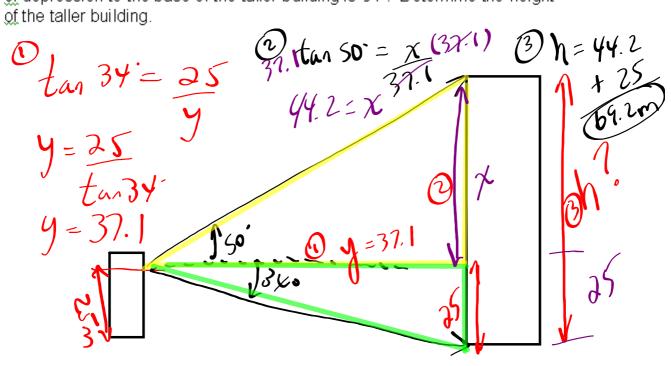
Two trees are 100m apart. From a point on midway between them, the angles of





Example 2:

The 8th floor of an apartment building is 25m above the ground. From the 8th floor, the angle of elevation to the top of the other building is 50°. The angle of depression to the base of the taller building is 34°. Determine the height of the taller building.



HW: 10.7 (Solving) = #4a, #5a, #6

10.8 (Application) = #1/-6

we slope = 0.34

Fire = 0.84

Pun = 0.84

tand = 0.84

tand = 0.84

5