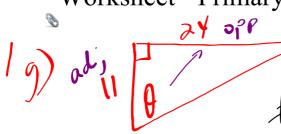
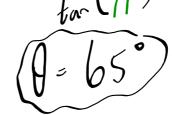
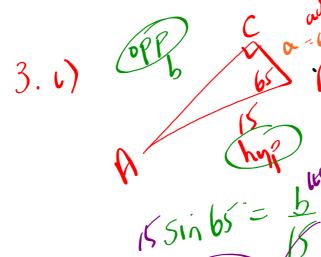
HOMEWORK... Questions

Worksheet - Primary Trig Ratios.doc

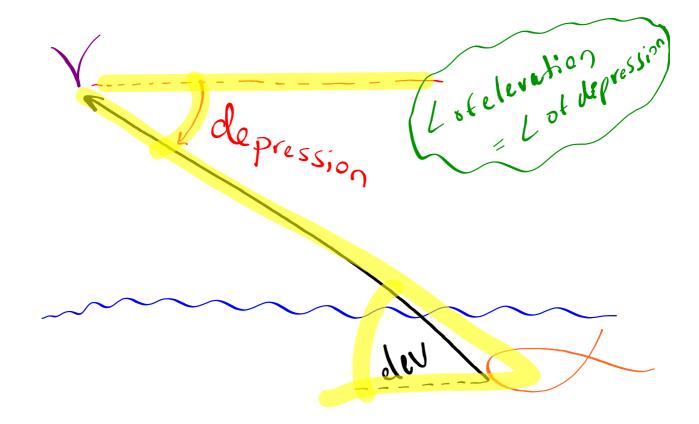


SOH CAH DA



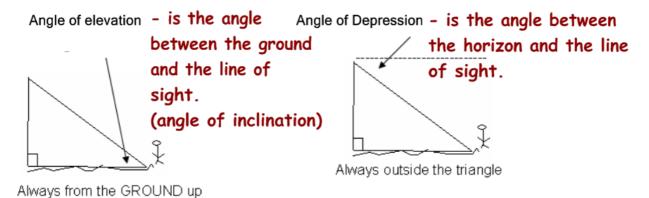


$$\begin{array}{c}
(A = 90 - 6) \\
(A = 25) \\
(6) 65 = a \\
(6) 65 = a
\end{array}$$



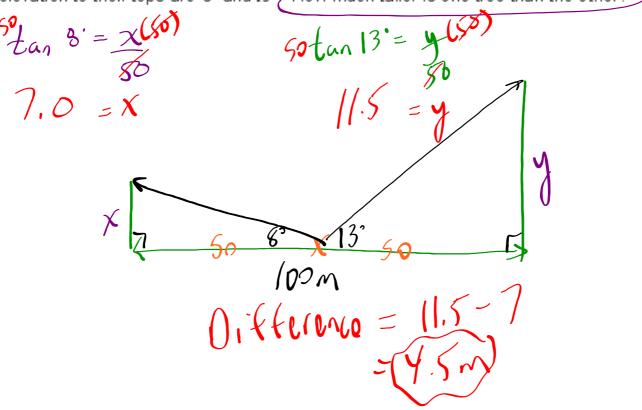
Applications of Right Angle Trigonometry

ANGLE OF ELEVATION/DEPRESSION



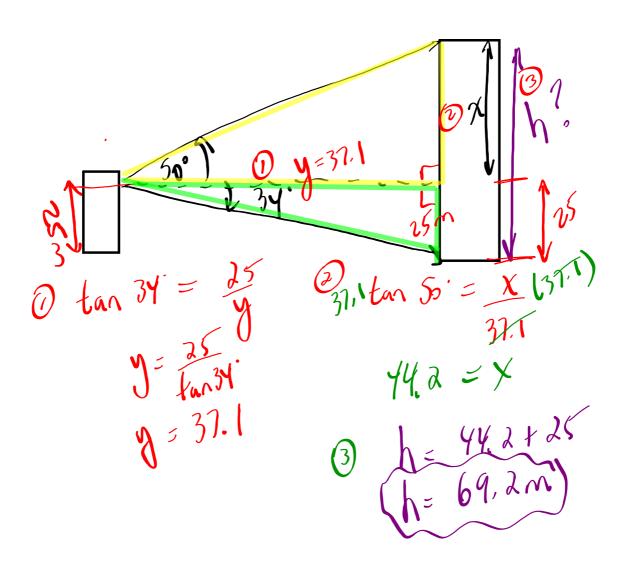
Example 1:

Two trees are 100m apart. From a point on midway between them, the angles of elevation to their tops are 8° and 13°. How much taller is one tree than the other?



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. (Solving) # Ya, #5a, #ba, 7 (Applications) [D. 8 # 1-6 Worksheet - Primary Trig Ratios.doc