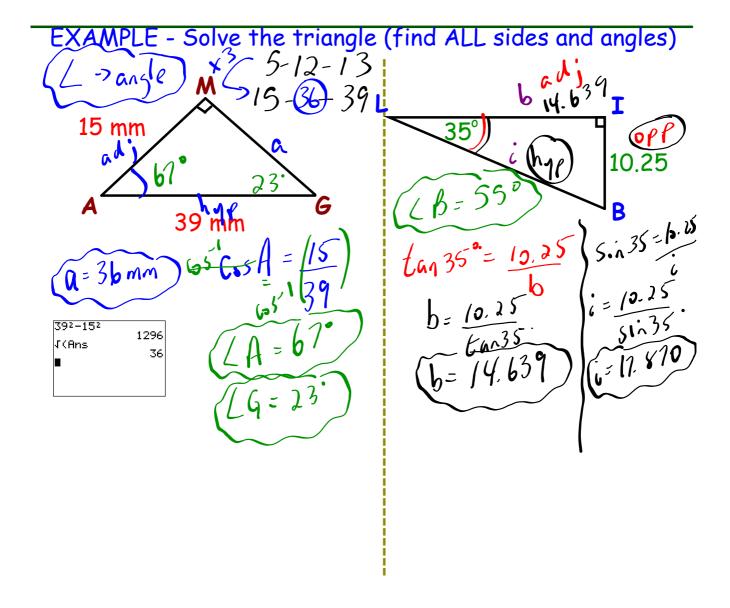
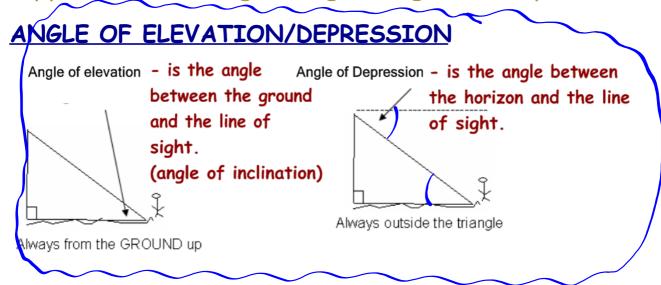
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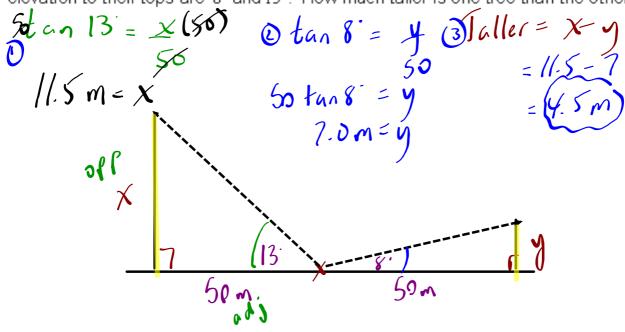


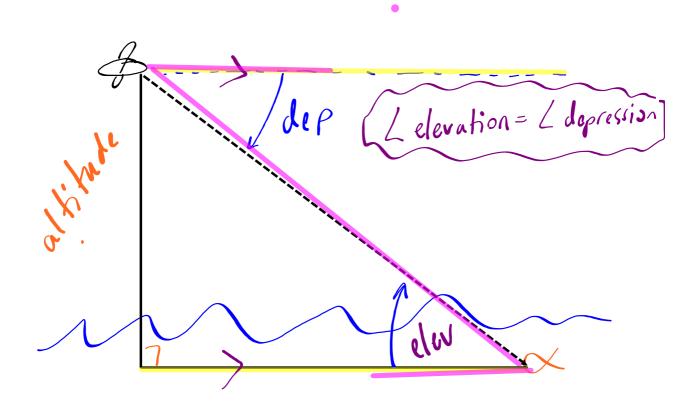
Applications of Right Angle Trigonometry



Example 1:

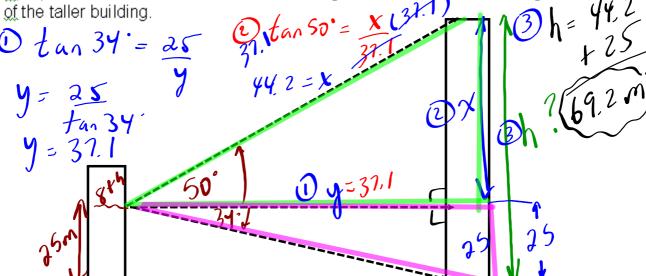
Two trees are 100m apart. From a point on midway between them, the angles of elevation to their tops are 8° and 13°. How much taller is one tree than the other?

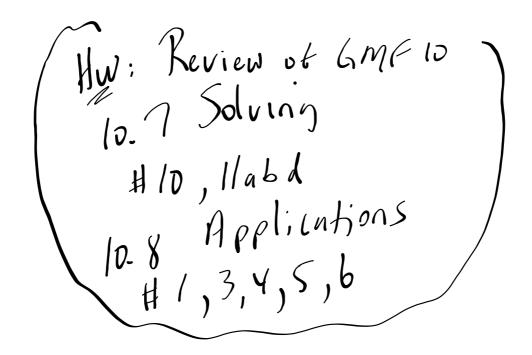




Example 2:

The 8^{th} floor of an apartment building is 25m above the ground. From the 8^{th} 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





* If you are absent you will need to pick up your booklet as this is where the questions are coming from today!