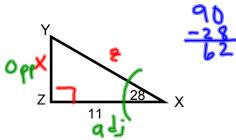
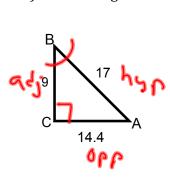
## Day 2 on Right Triangle Trigonometry

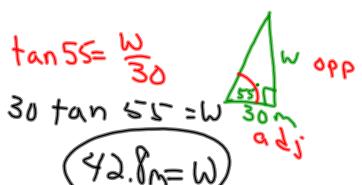
Ex 1) Solve triangle XYZ. Round side lengths to the nearest tenth and angles to the nearest degree.

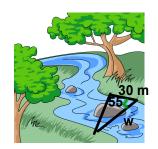


Ex 2) Solve triangle ABC.

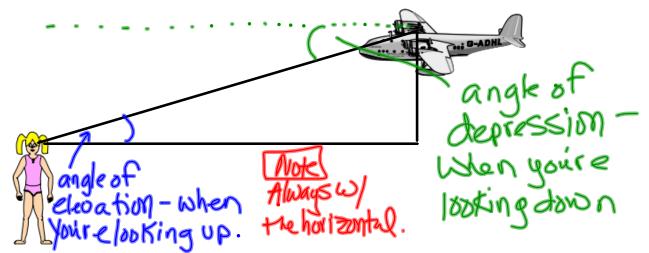


Ex 3) Find the width of a river using the diagram.





## Some story problems will talk about an angle of elevation or angle of depression.



 $\underline{\text{Ex 4)}}$  **Skiing**: A ski run has an angle of elevation of 15.7 degrees and a vertical drop of 1800 feet. Estimate the length of this run.

