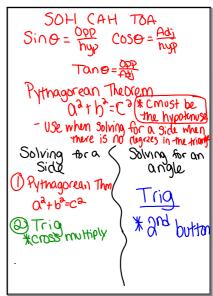
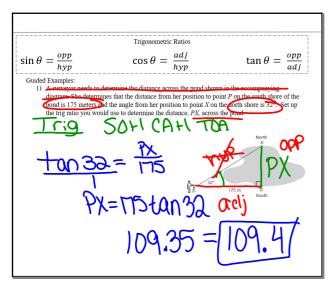


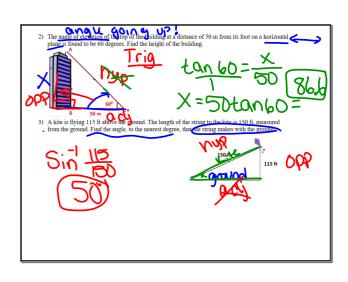
Apr 11-7:16 AM



Apr 11-11:06 AM



Apr 11-7:17 AM

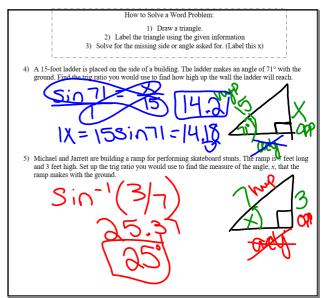


Apr 11-7:16 AM

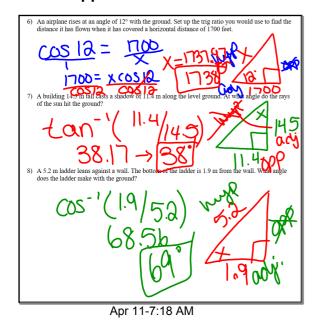
Objective: SWBAT solve real world applications with trig.

## Kickoff

Complete your participation rubric and put it on my desk! Then take out your homework:)



Apr 11-7:18 AM

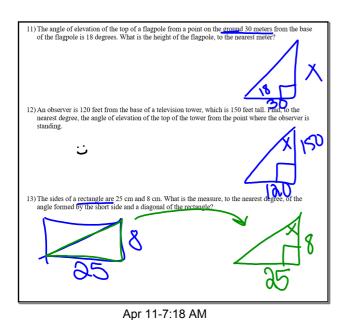


9) An observation tower is 75 m high. A support wire is attached to the towel 20 m from the top. If the support wire and the ground form an angle of 46 degrees, what is the length of the support wire, to the nearest tenth?

10) At a point 30 feet from the base of a tree, the angle formed with the ground looking to the top measures 53°. Find, to the nearest foot, the height of the tree.

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14) A ladder, 500 cm long, leans against a building. If the angle between the ground and the ladder is 57 degrees, how far from the wall is the bottom of the ladder? Round the answer to the newest tenth.

15) Henry is flying a kite. The kite string makes an angle of 43° with the ground. If Henry is standing 100 feet from a point on the ground directly below the kite, find the length of the kite string

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