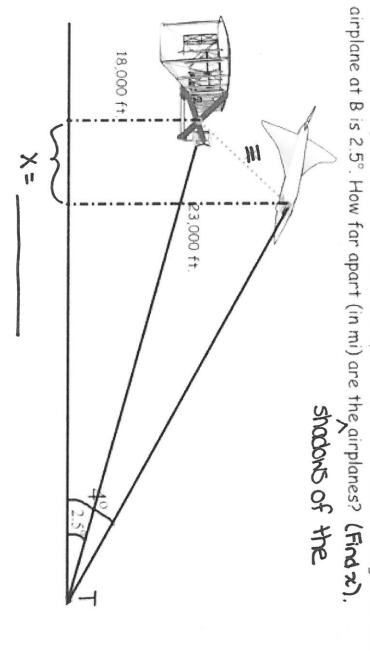
location is 6°. How much further does she need to walk? 150ft high. The angle to the top of the building from her current Ophelia Payne is walking to her office building which she knows is

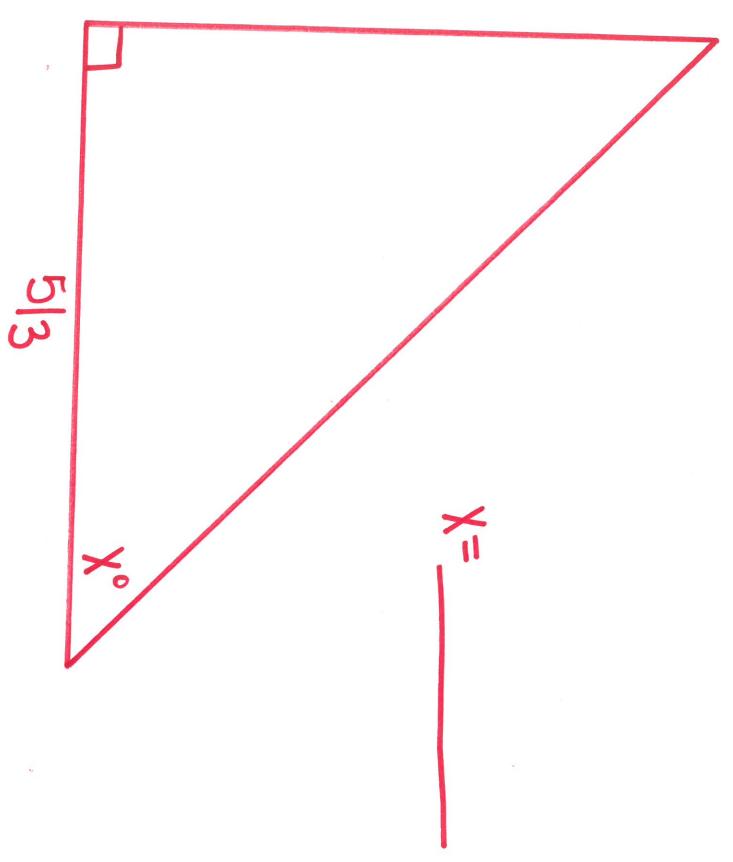
7) Two airplanes, at points A and B as shown in the diagram below, have elevations of 23,000 ft. and 18,000 ft. respectively.

Both are flying east toward an airport control tower at T.

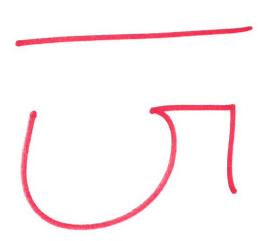
From T, the angle of elevation of the airplane at A is 4°, and the angle of elevation of the

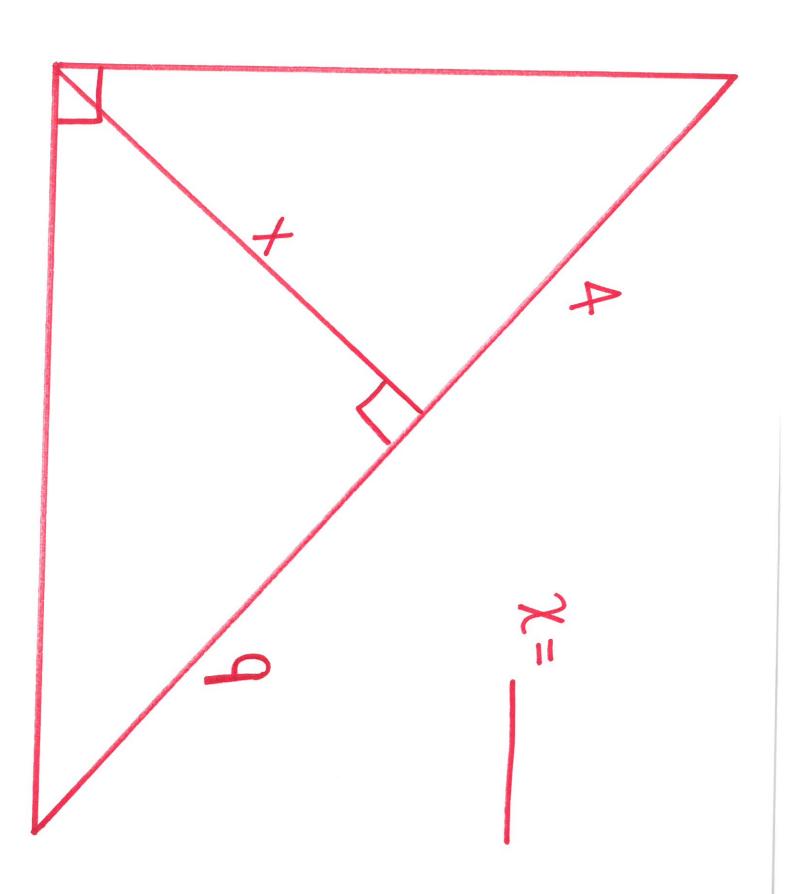


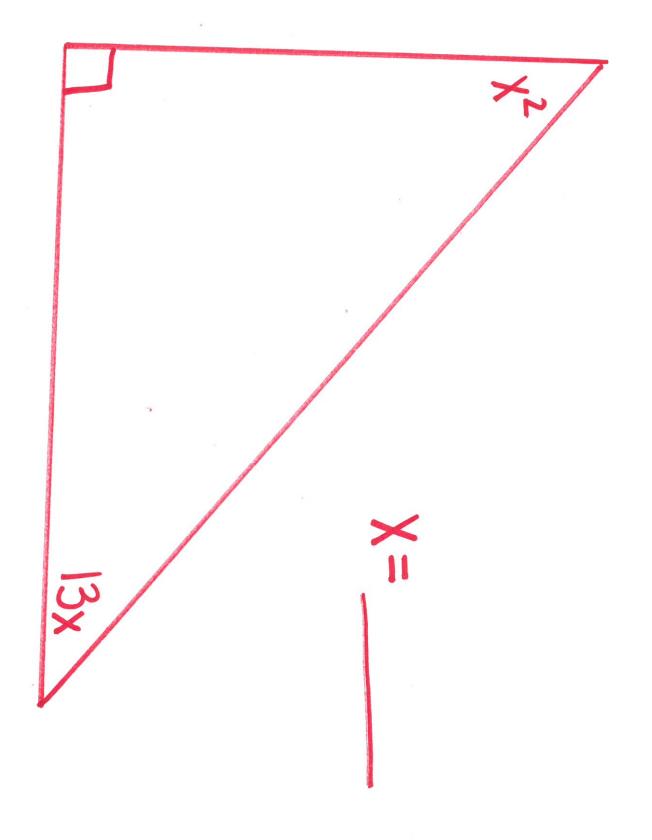
以び

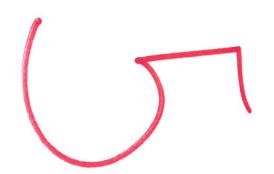


window is 60 degrees. How long does the ladder have to be? knight in shining armor is on the ground below with a ladder. A damsel is in distress and is being held captive in a tower. Her looks up at his precious damsel, the angle of elevation to her When the knight stands 15 feet from the base of the tower and

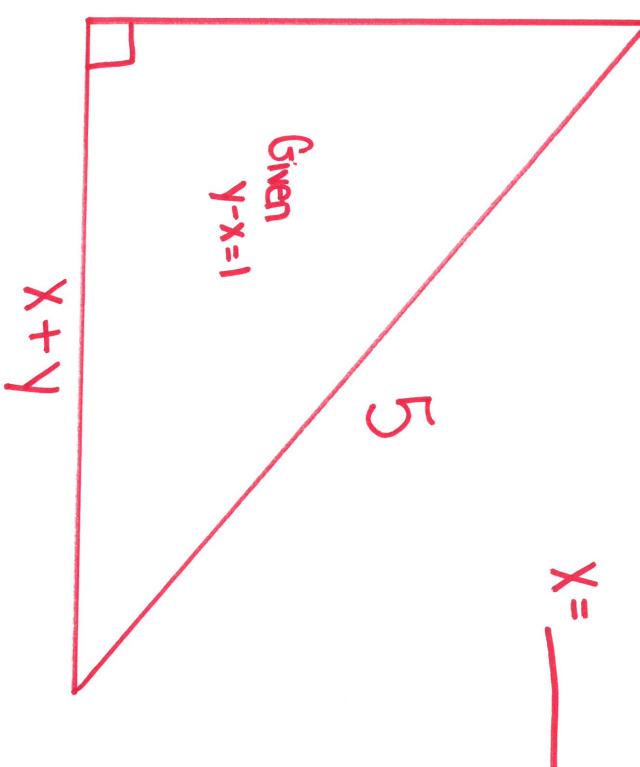


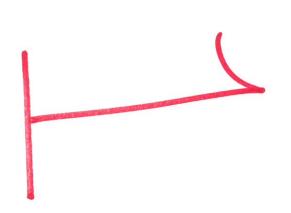


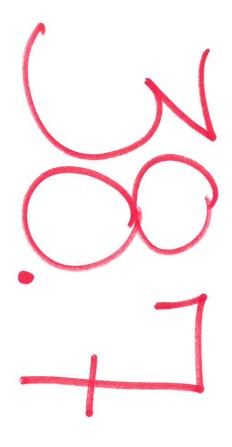




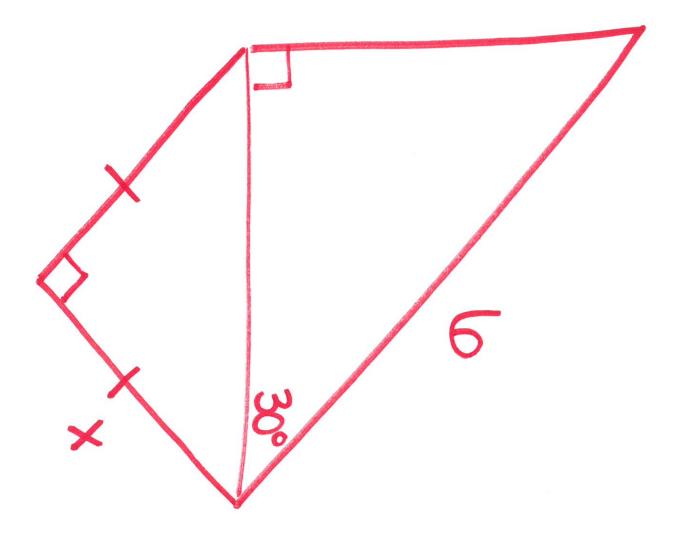
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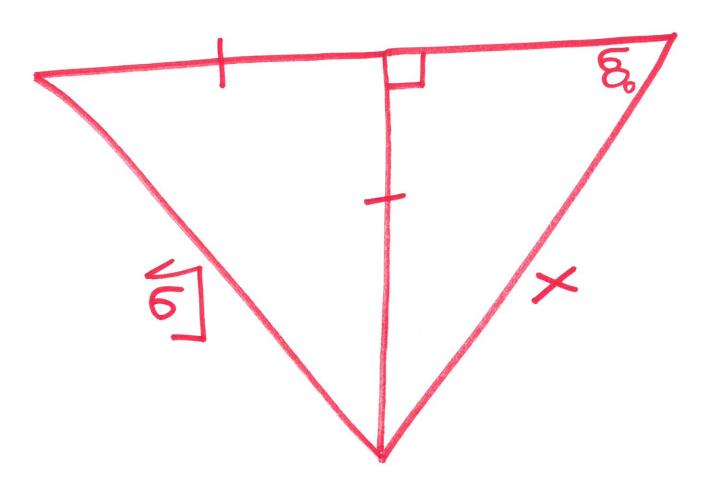






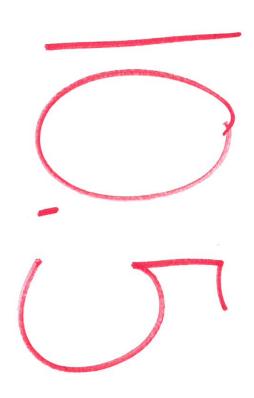
Her eyes were 9 feet above the ground. On the ground, 10 is the angle of depression from teet amay, was a lizard. What Nancy's eyes to the lizard? Nancy stood on a ladder

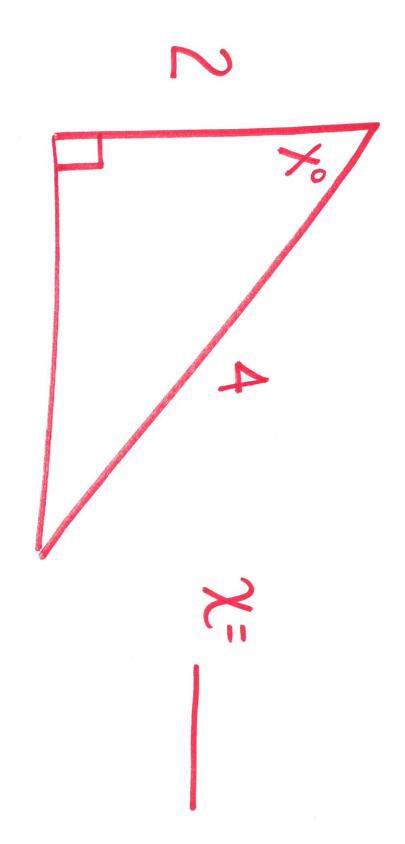




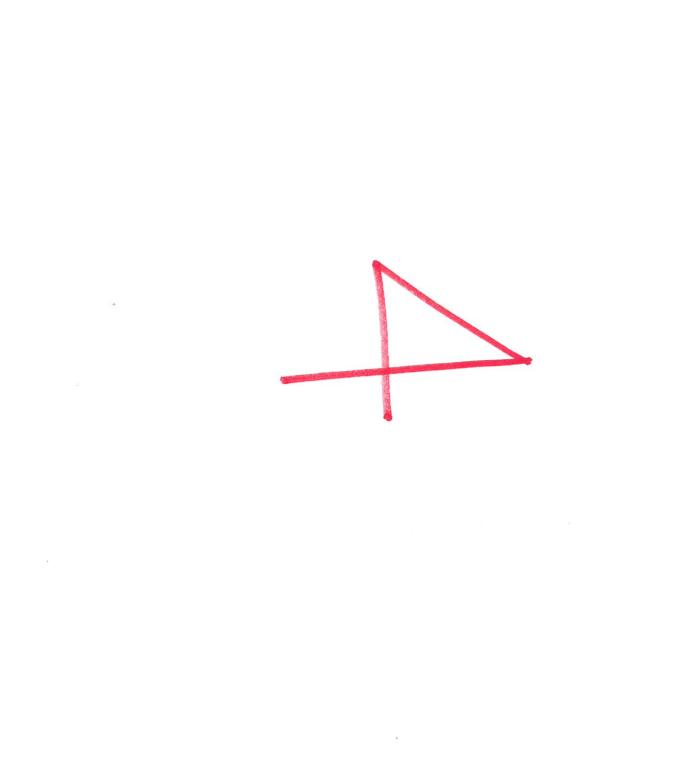


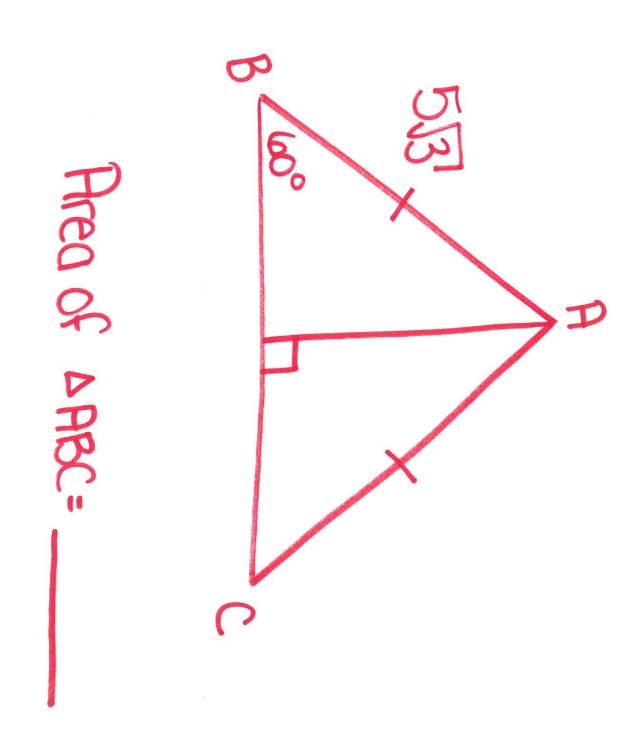
with the ground, how wide is the tent? feet high. If the sides of the tent are supposed to make a 50° angle Brothers Bob and Tom Katz buy a tent that has a center pole 6.25

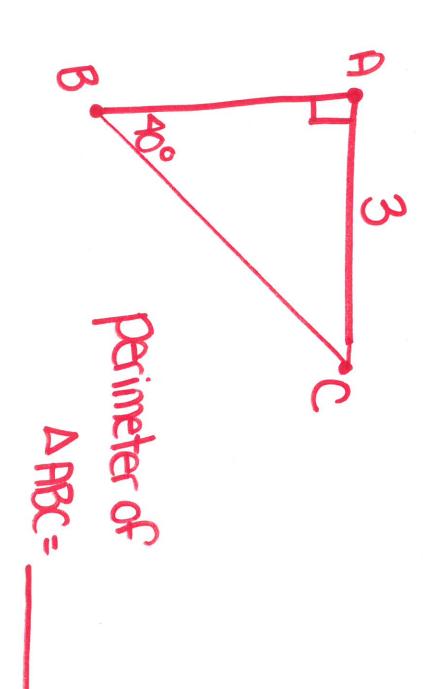




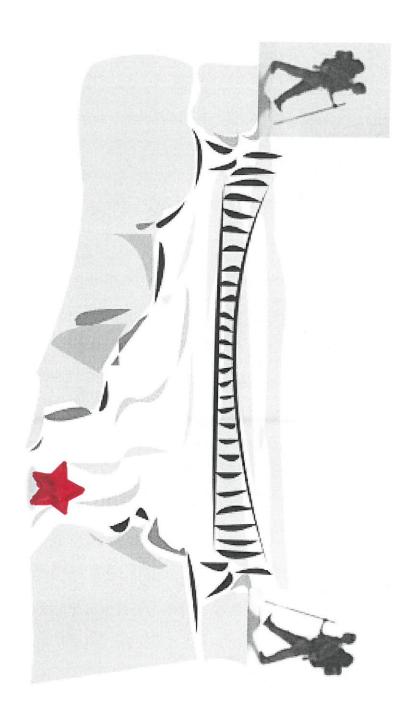
Y=-7=-13 X+2y=-13







How long is the wooden plank bridge? of the canyon floor. The angles of depression from each hiker are 38 degrees and 24 degrees. Two hikers are on opposite sides of a wooden plank bridge that spans a canyon. They are each 765 meters above the bottom of the canyon. They both site the same landmark on the bottom



1000 A