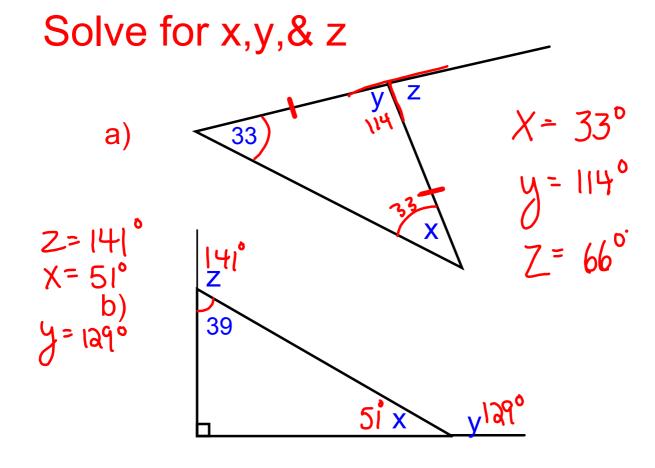
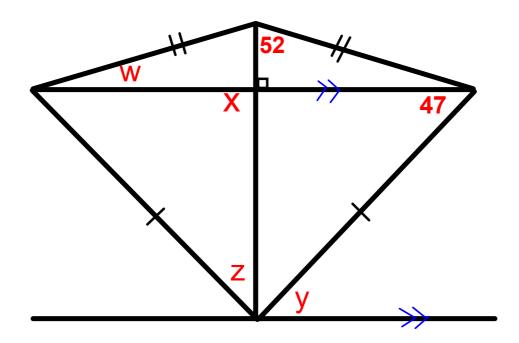


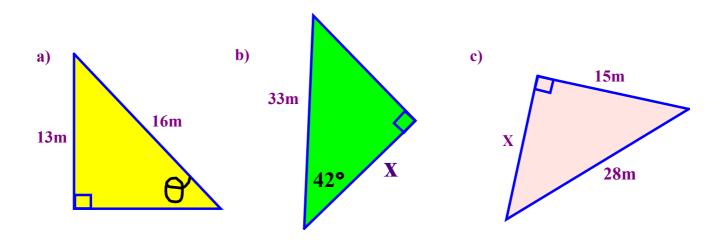
## Which of the following are a Pythagorean Triple

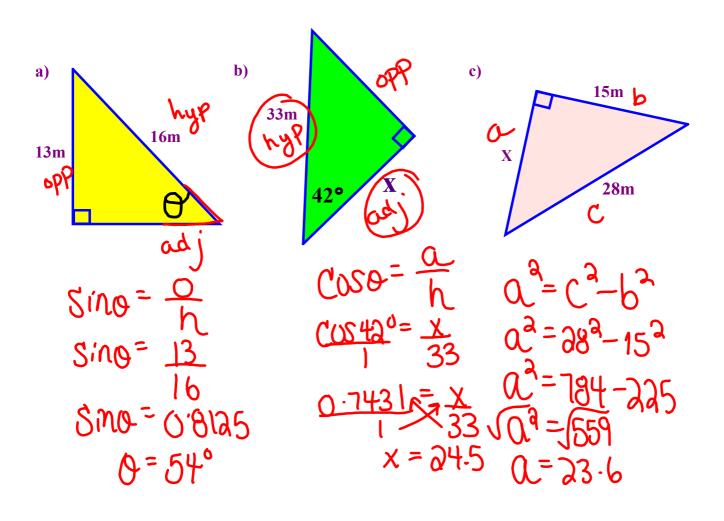


## Solve for w, x, y, z

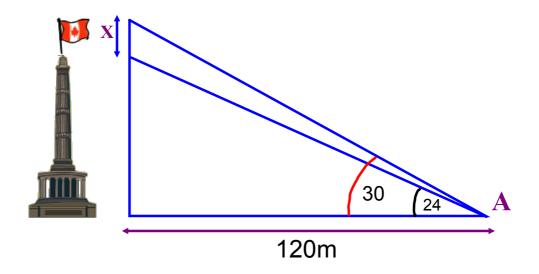


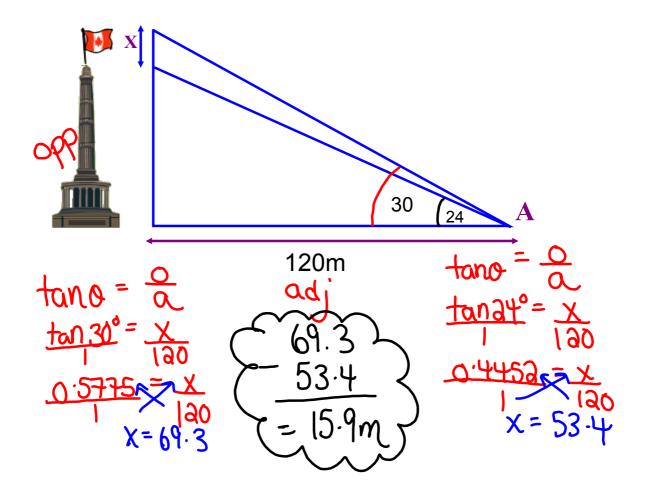
## Find the missing value





The angle of elevation to the top of a building from point A is 24 degrees. Point A is located 120m from the base of the building. A flagpole is on the top of the building. The angle of elevation from point A to the top of the flagpole is 30 degrees. What is the length of the flagpole?





A forest ranger in a tower 205 m high sights two fires in the same line of sight with the angles of depression of 26 and 32 degrees. How far apart are the fires?

