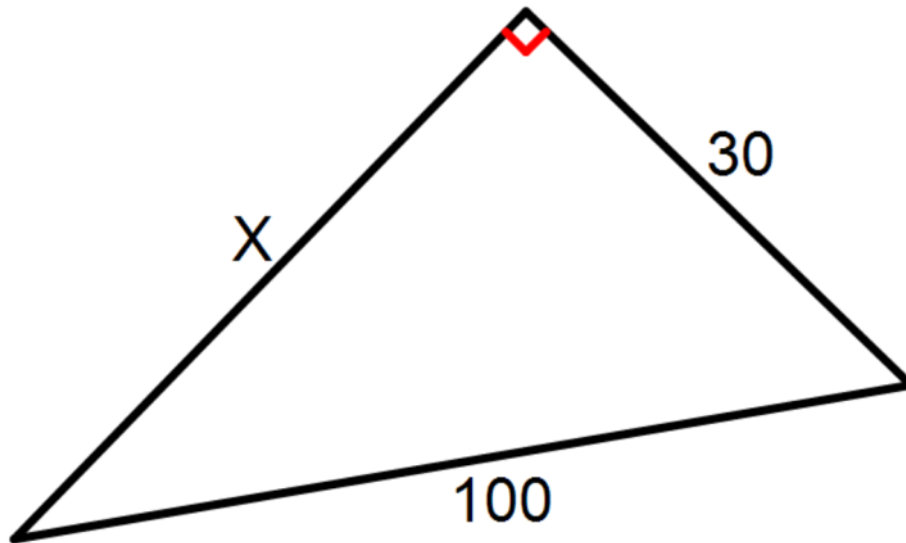
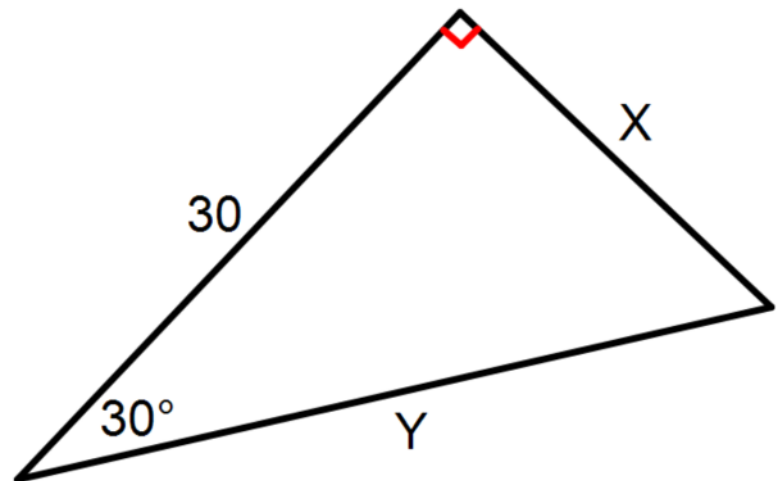
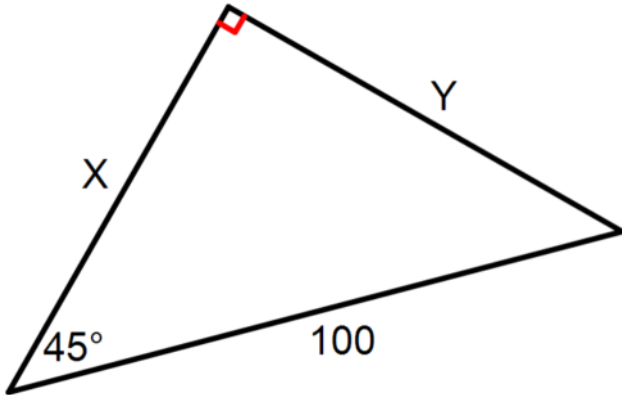


Without a Calculator

Find the exact value for x .



Find the exact value for x and y .



What are the trig ratios

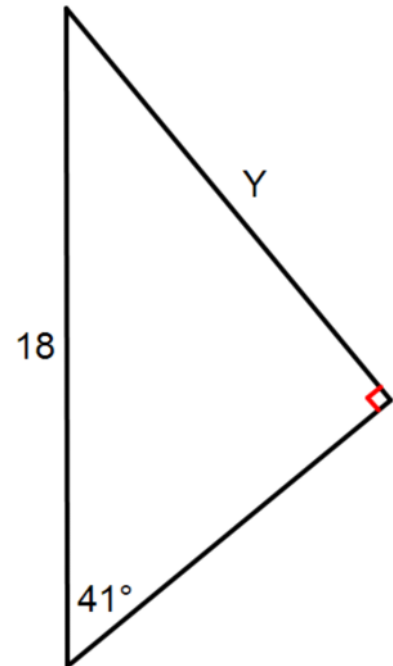
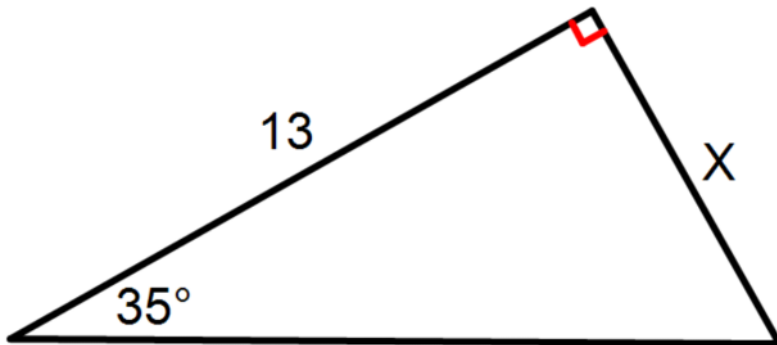
$$\sin(x) =$$

$$\cos(x) =$$

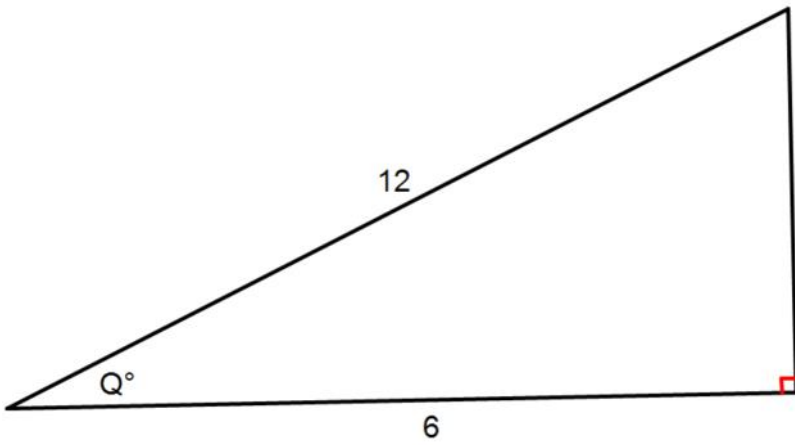
$$\tan(x) =$$

With a Calculator

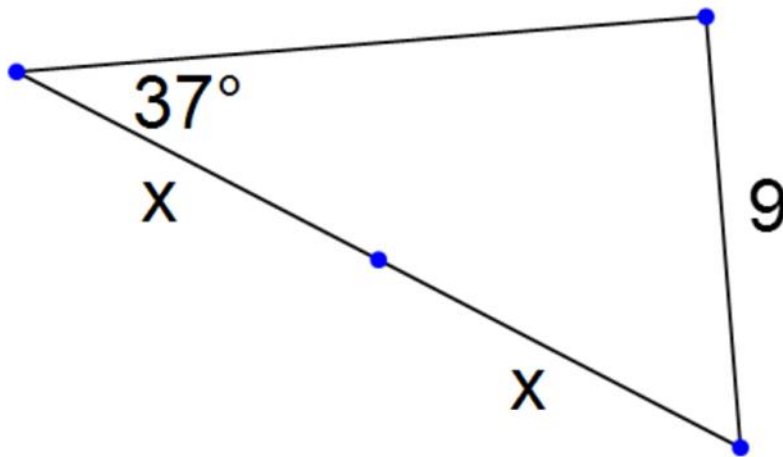
Find the missing variable. Round your answer to the nearest tenth.



Find the measure of the angle. Round your answer to the nearest tenth.

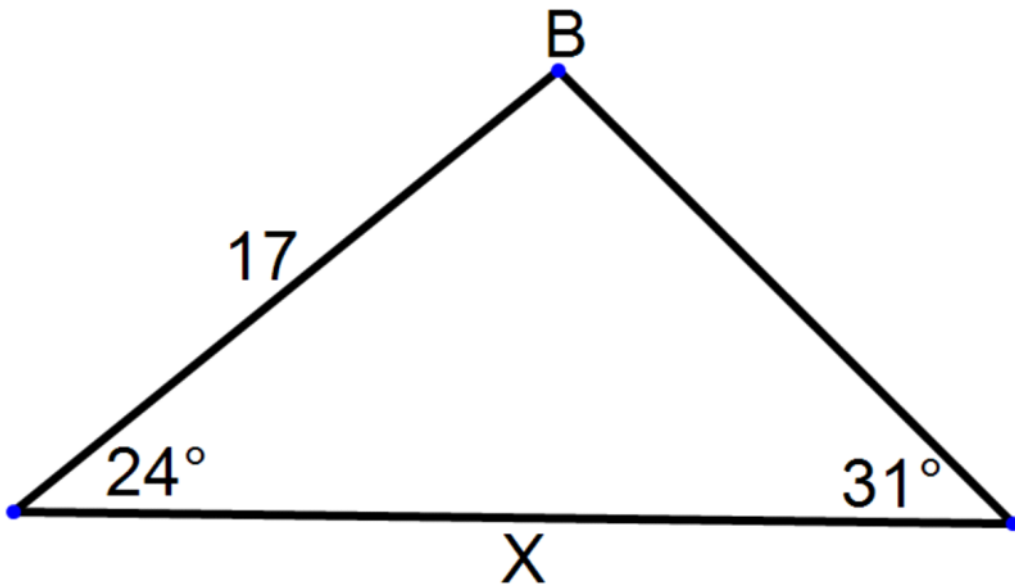


Find the value of x to the nearest tenth.

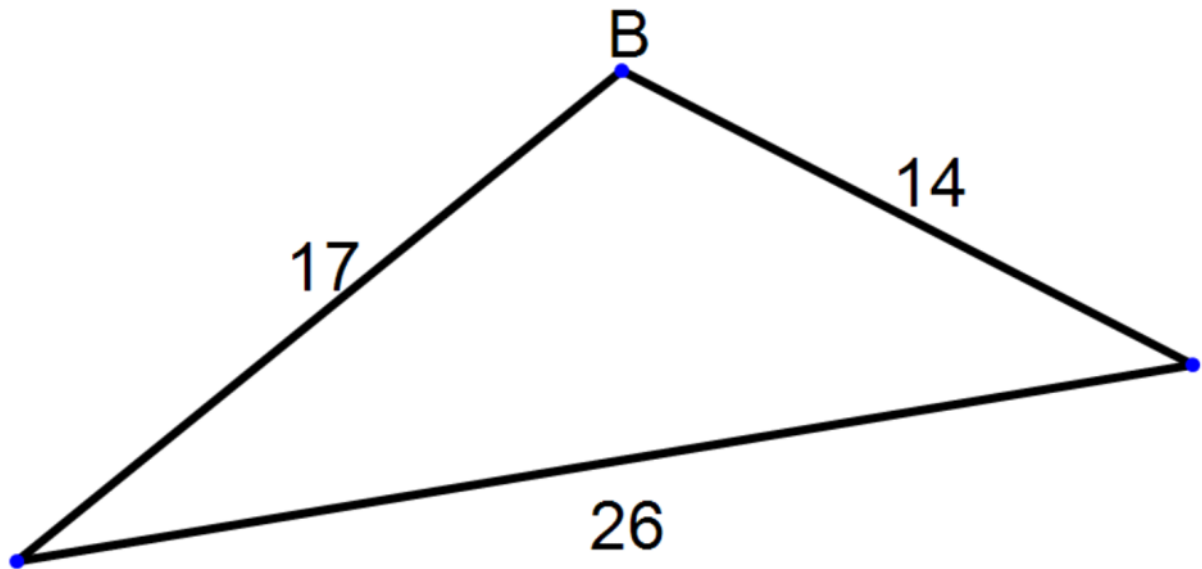


You are standing on the ground and shoot an arrow at a target that is 25 feet in the air. If you shoot the arrow at a 38° angle, how far does the arrow travel? (Assume the arrow is released 5 feet from the ground.)

Find the measure of angle B and the length of X to the nearest tenth.



Find the measure of angle B to the nearest tenth.



If one side of a triangle is 32, and another side is 21 and the angle connecting them is 43° , what is the area of the triangle?