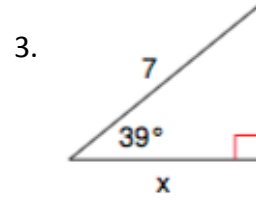
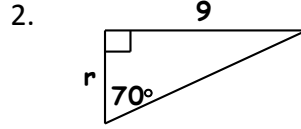
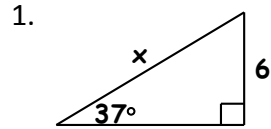
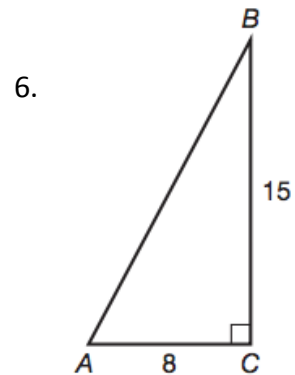
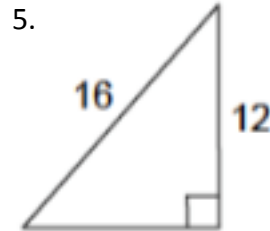
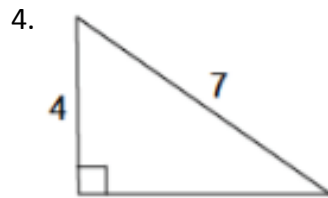


Solve for the variable using a trigonometric ratio.



Solve for the missing side using the Pythagorean Theorem.



7. The angle of elevation from the base of a waterslide to the top is about  $13^\circ$ . The slide extends horizontally (along the ground) about 58.2 meters. How tall is the slide?

8. You stand 35 feet away from a tree while looking up to the top at a 47 degree angle. How tall is the tree?

Find all six trigonometric functions for angle A in problems 9-10:

