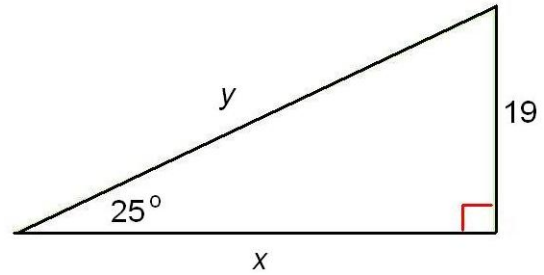DIRECTIONS: Use the sine (sin), cosine (cos), and tangent (tan) ratios to solve for x and y in the following right triangles. Round your answers to the nearest tenth (one decimal place). Show all work.
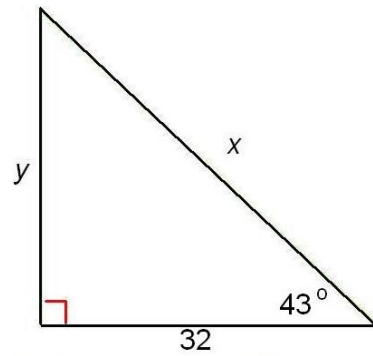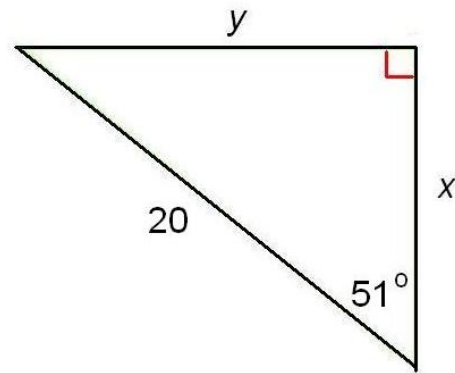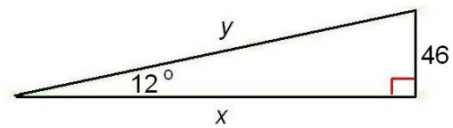
1. $x =$ _____

   $y =$ _____

y 19

$25°$

x

2. $x =$ _____

   $y =$ _____

x

y

$43°$

32

3. $x =$ _____

   $y =$ _____

y

20

x

$51°$

4. $x =$ _____

   $y =$ _____

y 46

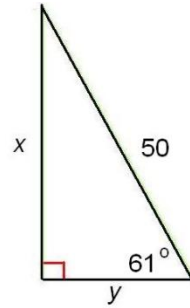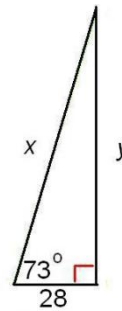$12°$

x

5. $x =$ _____

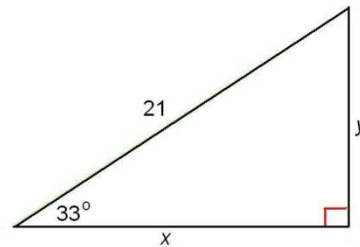 $y =$ _____

6. $x =$ _____
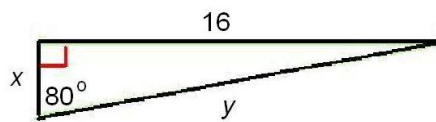
  $y =$ _____

7. $x =$ _____

  $y =$ _____

8. $x =$ _____

  $y =$ _____

9. $x =$ _____

  $y =$ _____