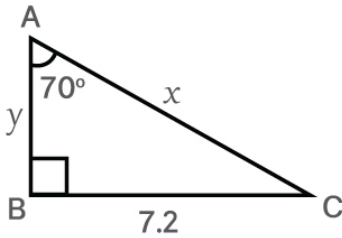


Trigonometric Ratios in Right Triangles

Use trigonometric ratios to find the missing sides in the given right triangles

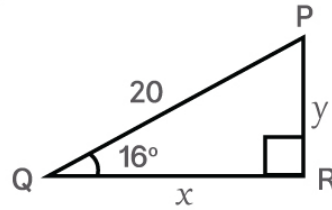
1



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

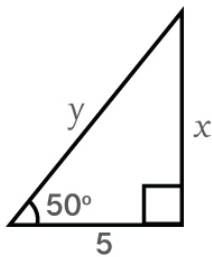
2



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

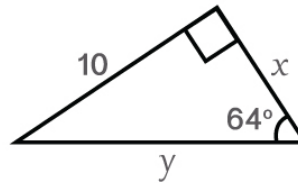
3



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

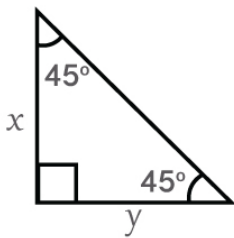
4



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

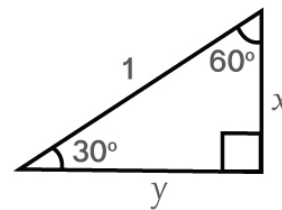
5



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

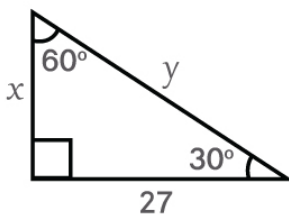
6



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

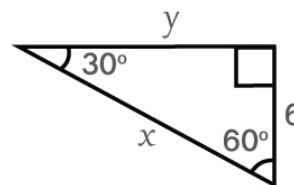
7



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

8

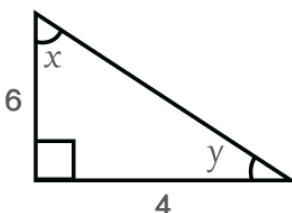


$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

Use trigonometric ratios to find the unknown angles.
Round your answer to the nearest degree

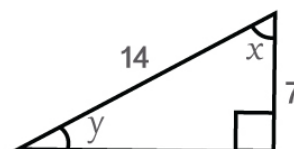
9



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

10



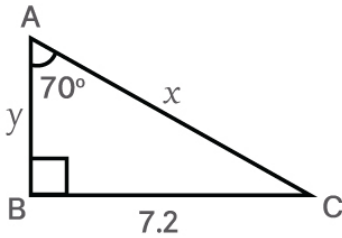
$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

Trigonometric Ratios in Right Triangles

Answers

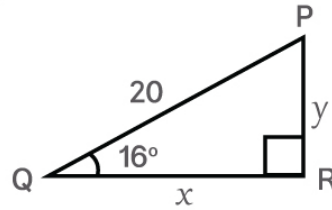
1



$$x = \frac{7.7}{}$$

$$y = \frac{2.6}{}$$

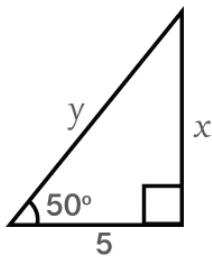
2



$$x = \frac{19.2}{}$$

$$y = \frac{5.5}{}$$

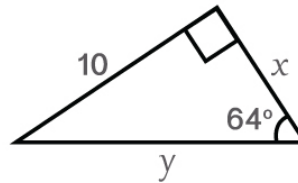
3



$$x = \frac{6.0}{}$$

$$y = \frac{7.8}{}$$

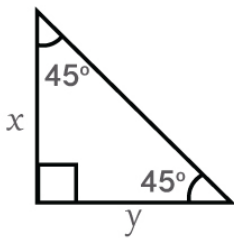
4



$$x = \frac{4.9}{}$$

$$y = \frac{11.1}{}$$

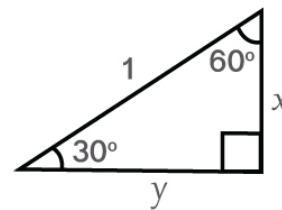
5



$$x = \frac{12.7}{}$$

$$y = \frac{12.7}{}$$

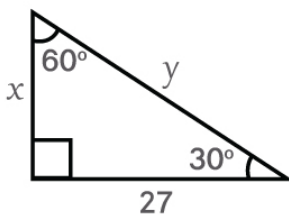
6



$$x = \frac{0.5}{}$$

$$y = \frac{0.86}{}$$

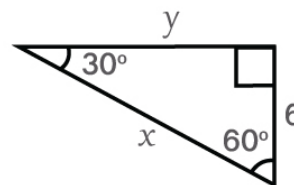
7



$$x = \frac{15.58}{}$$

$$y = \frac{31.17}{}$$

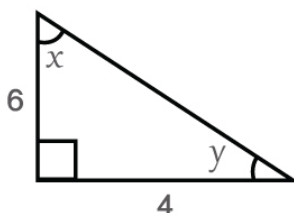
8



$$x = \frac{12}{}$$

$$y = \frac{10.39}{}$$

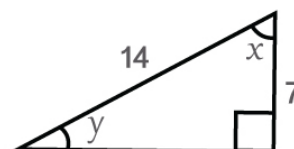
9



$$x = \frac{34^\circ}{}$$

$$y = \frac{56^\circ}{}$$

10



$$x = \frac{60^\circ}{}$$

$$y = \frac{30^\circ}{}$$