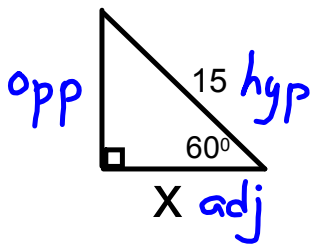


Warm Up

April 8, 2015

Solve for x.

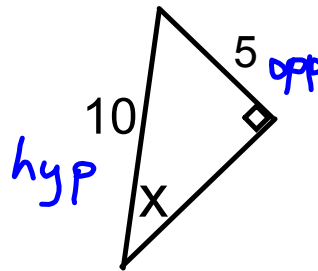


$$\cos \theta = \frac{\text{adj}}{\text{hyp}}$$

$$\cos 60^\circ = \frac{x}{15}$$

$$x = 15 \cos 60^\circ$$

$$= 7.5$$



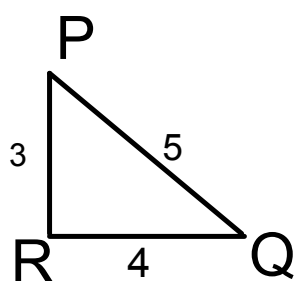
$$\sin \theta = \frac{\text{opp}}{\text{hyp}}$$

$$\sin x = \frac{5}{10}$$

$$x = \sin^{-1} \frac{5}{10}$$

$$= 30^\circ$$

Steps: Determine which trig ratio to use.
 Fill in the formula
 Solve for x.

Lesson 2 Worksheet 2

$$\sin \alpha = \frac{\text{opp}}{\text{hyp}}$$

1. $\sin P = \frac{4}{5} = \underline{0.8}$