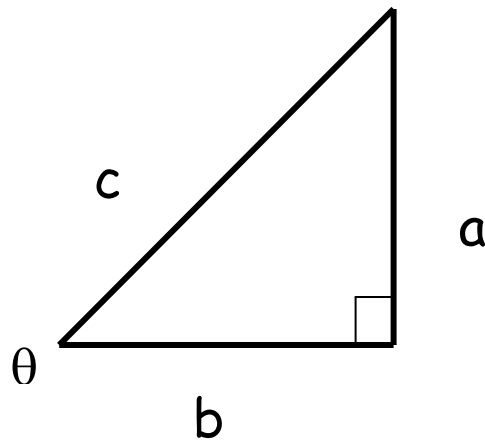


Right Triangle Trigonometry (Trig ratios)

$$\sin \theta = \frac{\text{opposite}}{\text{Hypotenuse}}$$

$$\cos \theta = \frac{\text{adjacent}}{\text{Hypotenuse}}$$

$$\tan \theta = \frac{\text{Opposite}}{\text{adjacent}}$$

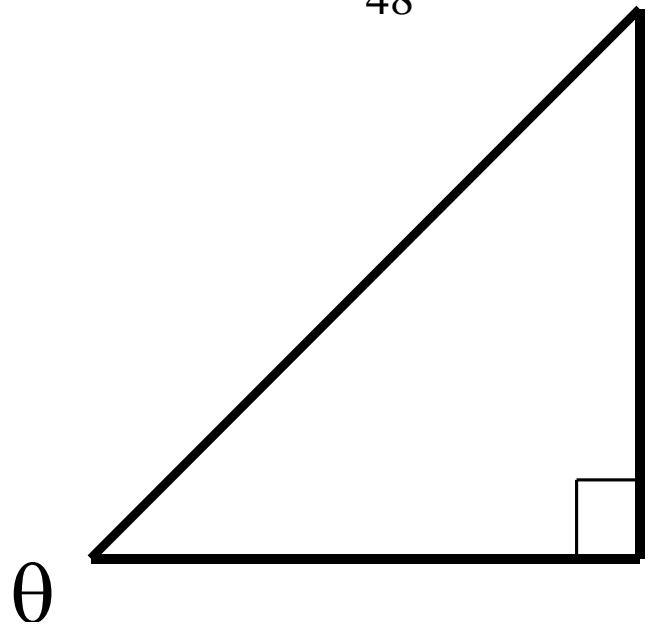
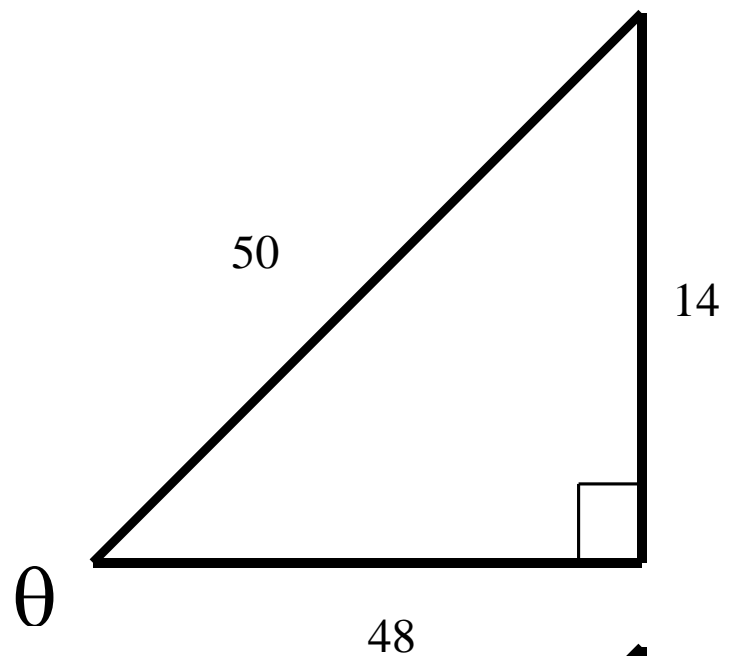


Evaluate the three trigonometric functions of the angle θ shown in the right triangle.

$$\sin \theta = \underline{\hspace{2cm}}$$

$$\cos \theta = \underline{\hspace{2cm}}$$

$$\tan \theta = \underline{\hspace{2cm}}$$



Find the value of each variable for the right triangle shown. Round the decimals to the nearest tenth.

