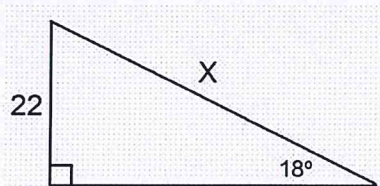
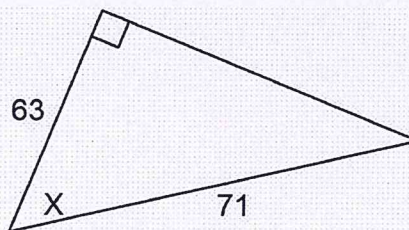


Round answers for the remaining problems to the nearest hundredth.

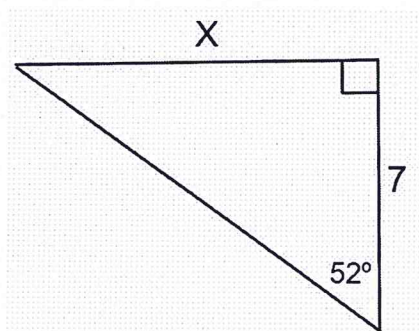
1. Find the value of x .



2. Find the value of x .



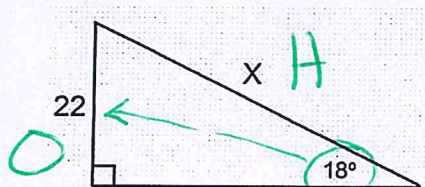
3. Find the value of x .



Round answers for the remaining problems to the nearest hundredth.

ANSWERS

1. Find the value of x .



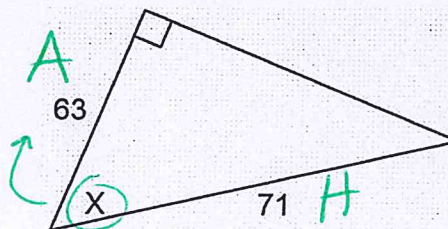
SOHCAHTOA

$$\sin 18^\circ = \frac{22}{x}$$

$$x = \frac{(22)(1)}{\sin 18^\circ} = \frac{22}{\sin 18^\circ}$$

$$x = 71.19$$

2. Find the value of x .



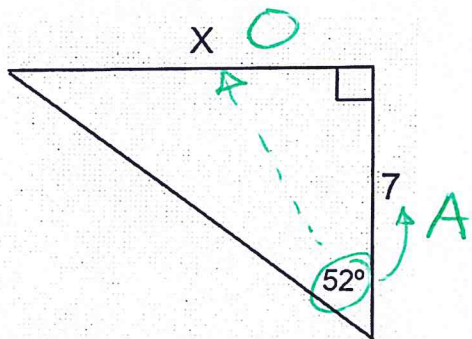
SOHCAHTOA

$$\cos x = \frac{63}{71}$$

$$x = \cos^{-1}\left(\frac{63}{71}\right)$$

$$x = 27.46^\circ$$

3. Find the value of x .



SOHCAHTOA

$$7 \cdot \tan 52^\circ = \frac{x}{7} \cdot 7$$

$$x = 7 \tan 52^\circ$$

$$x = 8.96$$