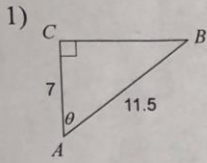
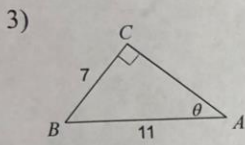
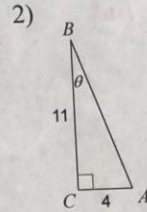


Assignment

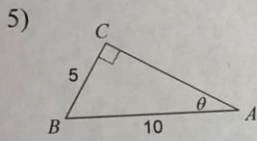
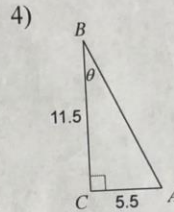
Find the measure of each angle indicated. Round to the nearest tenth.



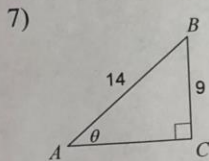
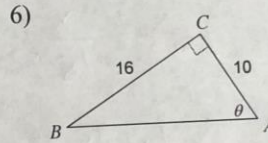
$\cos \theta = \frac{7}{11.5}$
 $\theta = 52.5^\circ$



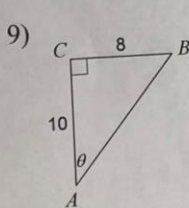
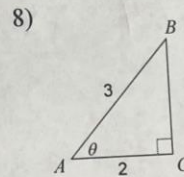
$\sin \theta = \frac{7}{11}$
 $\theta = 39.5^\circ$



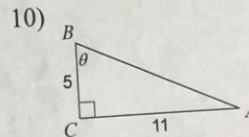
$\sin \theta = \frac{1}{2}$
 $\theta = 30^\circ$



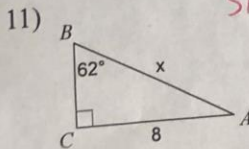
$\sin \theta = \frac{9}{14}$
 $\theta = 40.0^\circ$



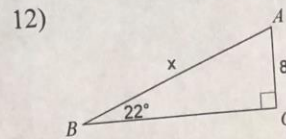
$\tan \theta = \frac{4}{5}$
 $\theta = 38.7^\circ$



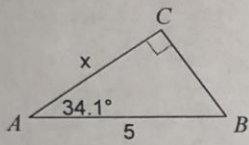
Find the measure of each side indicated. Round to the nearest tenth.



$\sin 62^\circ = \frac{8}{x}$
 $x = \frac{8}{\sin 62^\circ}$
 $x = 9.06$



13)

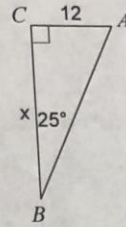


$$\cos 34.1^\circ = \frac{x}{5}$$

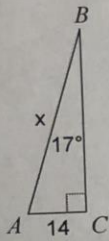
$$x = 5 \cos 34.1^\circ$$

$$x = 4.14$$

14)



15)

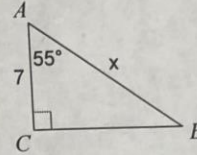


$$\sin 17^\circ = \frac{14}{x}$$

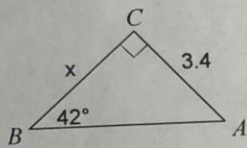
$$x = \frac{14}{\sin 17^\circ}$$

$$x = 47.9$$

16)



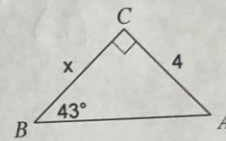
17)



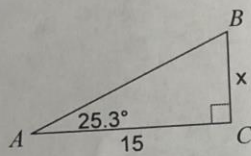
$$\tan 42^\circ = \frac{3.4}{x}$$

$$x = \frac{3.4}{\tan 42^\circ} = 3.78$$

18)



19)



$$\tan 25.3^\circ = \frac{x}{15}$$

$$x = 15 \tan 25.3^\circ$$

$$x = 7.09$$

20)

