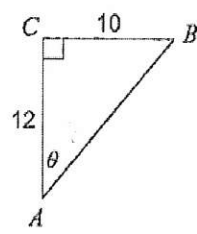
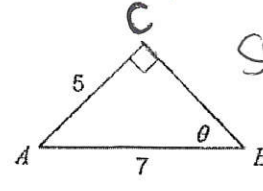


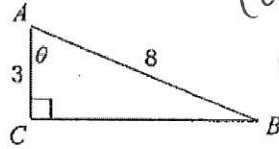
Name: Key Hour: _____

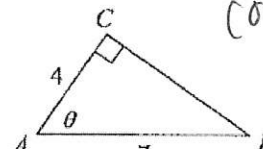
11.4 Finding Missing Angles ws

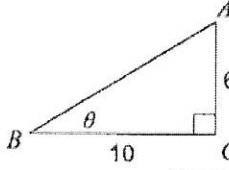
Find the measure of each angle indicated. Round to the nearest tenth.

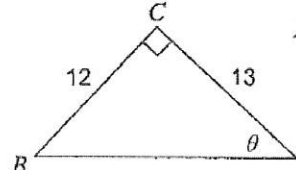
1)  $\tan \theta = \frac{10}{12}$
 $\theta = \tan^{-1} \frac{10}{12}$
 $\theta = 39.8^\circ$

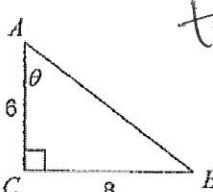
2)  $\sin \theta = \frac{5}{7}$
 $\theta = \sin^{-1} \frac{5}{7}$
 $\theta = 45.6^\circ$

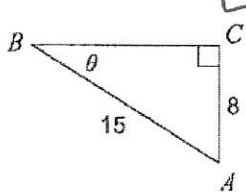
3)  $\cos \theta = \frac{3}{8}$
 $\theta = \cos^{-1} \frac{3}{8}$
 $\theta = 68.0^\circ$

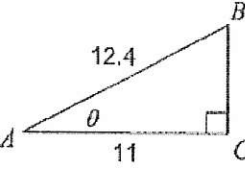
4)  $\cos \theta = \frac{4}{7}$
 $\theta = \cos^{-1} \frac{4}{7}$
 $\theta = 55.2^\circ$

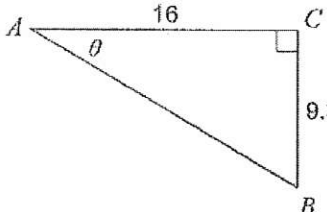
5)  $\tan \theta = \frac{6}{10}$
 $\theta = \tan^{-1} \frac{6}{10}$
 $\theta = 31.0^\circ$

6)  $\tan \theta = \frac{12}{13}$
 $\theta = \tan^{-1} \frac{12}{13}$
 $\theta = 42.7^\circ$

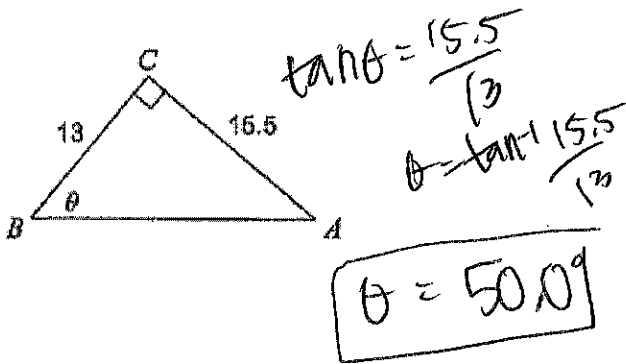
7)  $\tan \theta = \frac{6}{8}$
 $\theta = \tan^{-1} \frac{6}{8}$
 $\theta = 53.1^\circ$

8)  $\sin \theta = \frac{8}{15}$
 $\theta = \sin^{-1} \frac{8}{15}$
 $\theta = 32.2^\circ$

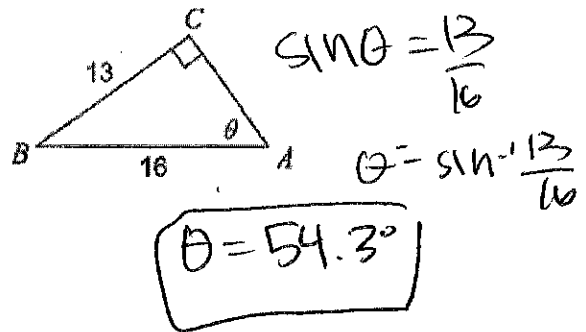
9)  $\cos \theta = \frac{11}{12.4}$
 $\theta = \cos^{-1} \frac{11}{12.4}$
 $\theta = 27.5^\circ$

10)  $\tan \theta = \frac{9.3}{16}$
 $\theta = \tan^{-1} \frac{9.3}{16}$
 $\theta = 30.2^\circ$

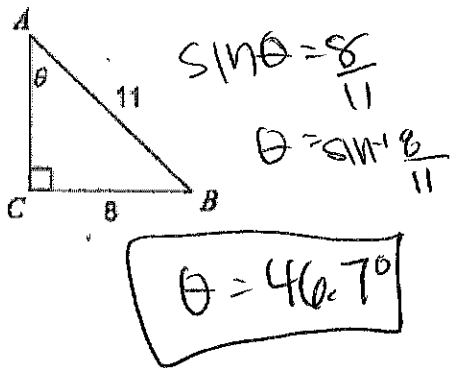
11)



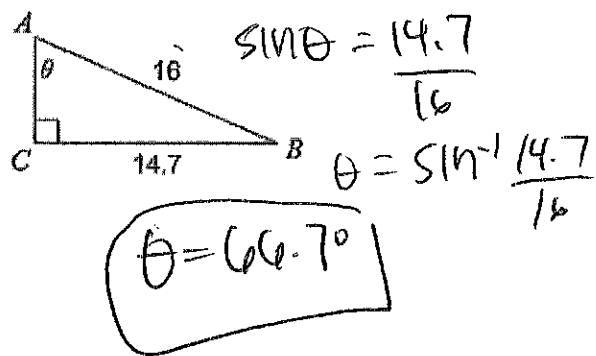
12)



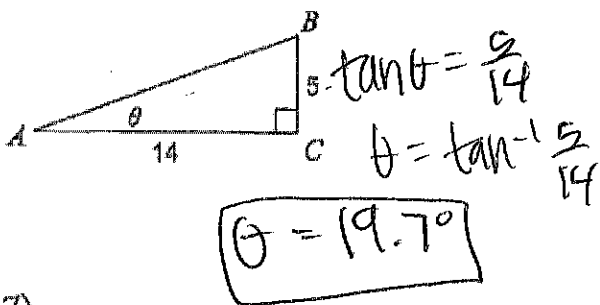
13)



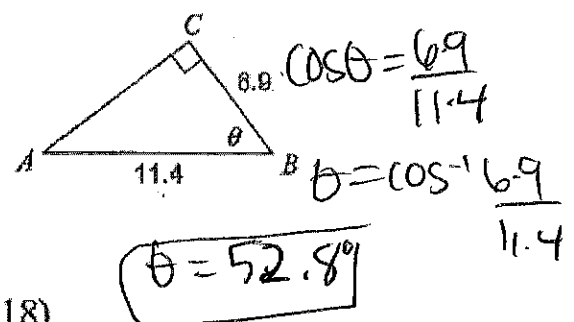
14)



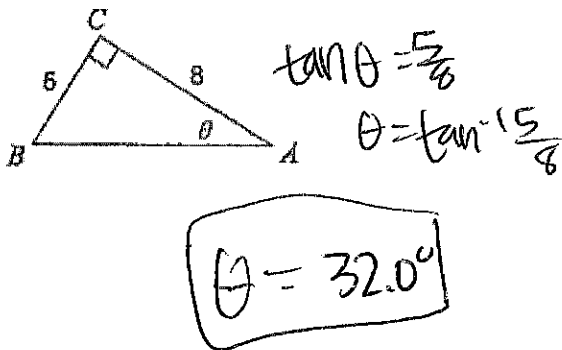
15)



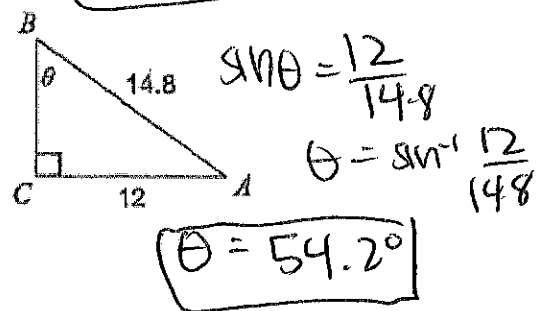
16)



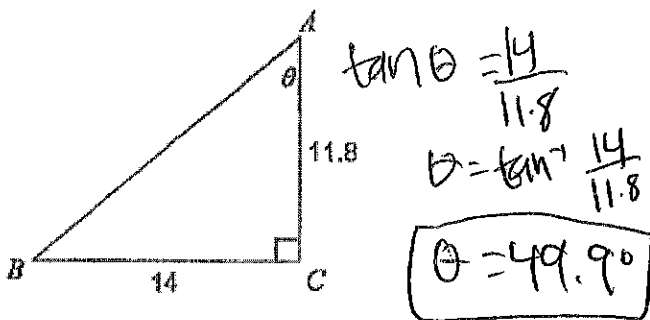
17)



18)



19)



20)

