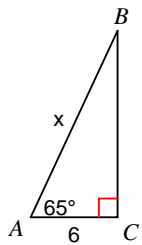


Review of Right Triangle Trig

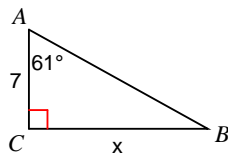
© 2012 Kuta Software LLC. All rights reserved.

Find the measure indicated. Round to the nearest tenth.

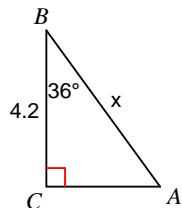
1)



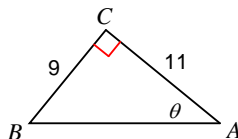
2)



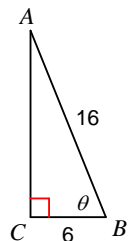
3)



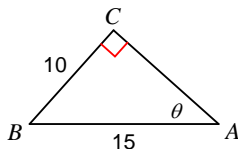
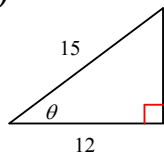
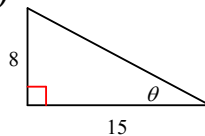
4)



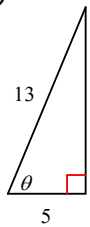
5)



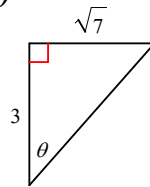
6)

**Find the value of the trig function indicated.**7) $\sin \theta$ 8) $\cos \theta$ 

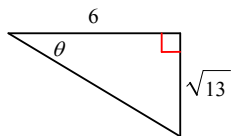
9) $\tan \theta$



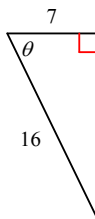
10) $\cos \theta$



11) $\cos \theta$



12) $\tan \theta$



13) Find $\cos \theta$ if $\sin \theta = \frac{15}{17}$

14) Find $\tan \theta$ if $\sin \theta = \frac{4}{5}$

15) Find $\sin \theta$ if $\cos \theta = \frac{\sqrt{2}}{2}$

16) Find $\tan \theta$ if $\sin \theta = \frac{3\sqrt{17}}{13}$

17) Find $\cos \theta$ if $\tan \theta = 2$

18) Find $\sin \theta$ if $\cos \theta = \frac{4\sqrt{3}}{13}$

Answers to Review of Right Triangle Trig

1) 14.2

5) 68°

9) $\frac{12}{5}$

13) $\frac{8}{17}$

17) $\frac{\sqrt{5}}{5}$

2) 12.6

6) 41.8°

10) $\frac{3}{4}$

14) $\frac{4}{3}$

18) $\frac{11}{13}$

3) 5.2

7) $\frac{3}{5}$

11) $\frac{6}{7}$

15) $\frac{\sqrt{2}}{2}$

4) 39.3°

8) $\frac{15}{17}$

12) $\frac{3\sqrt{23}}{7}$

16) $\frac{3\sqrt{17}}{4}$