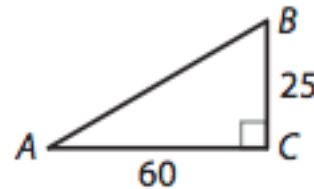
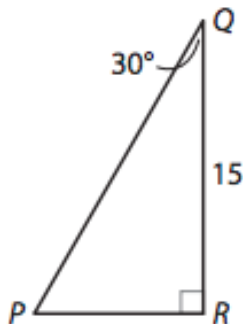
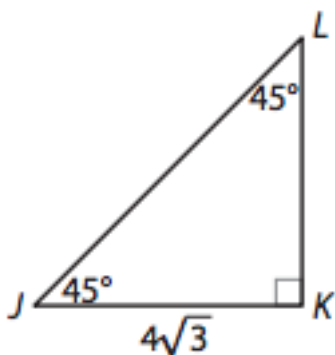
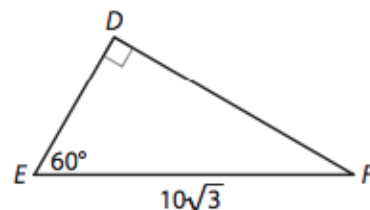
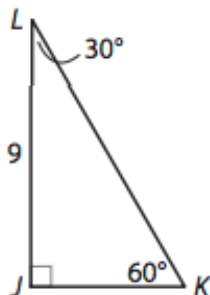
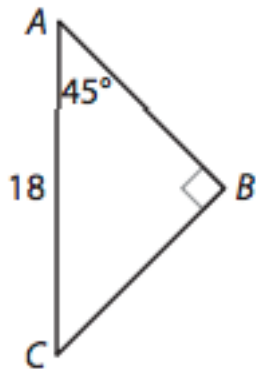


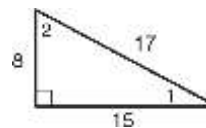
Review:

Find all missing side lengths. Use either a Pythagorean Triple or a Special Right Triangle relationship.



Solving Right Triangles

Use the given trigonometric ratio to determine which angle of the triangle is $\angle A$.



1. $\sin A = \frac{8}{17}$ _____

2. $\cos A = \frac{15}{17}$ _____

3. $\tan A = \frac{15}{8}$ _____

4. $\sin A = \frac{15}{17}$ _____

5. $\cos A = \frac{8}{17}$ _____

6. $\tan A = \frac{8}{15}$ _____

Use a calculator to find each angle measure to the nearest degree.

7. $\sin^{-1}(0.82)$ _____

8. $\cos^{-1}\left(\frac{11}{12}\right)$ _____

9. $\tan^{-1}(5.03)$ _____

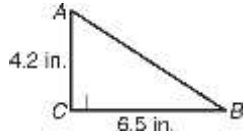
10. $\sin^{-1}\left(\frac{3}{8}\right)$ _____

11. $\cos^{-1}(0.23)$ _____

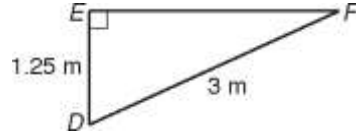
12. $\tan^{-1}\left(\frac{1}{9}\right)$ _____

Find all unknown measures. Round lengths to the nearest hundredth and angle measures to the nearest degree.

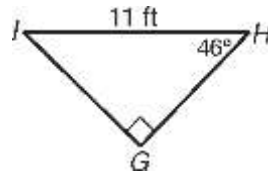
13.



14.



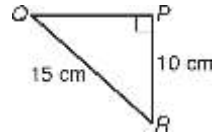
15.



16.



17.



18.