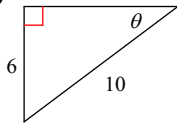


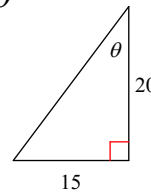
Target 7B: Trigonometry

Find the value of the trig function indicated.

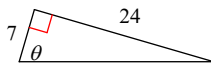
1) $\tan \theta$



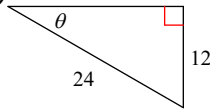
2) $\cos \theta$



3) $\tan \theta$



4) $\sin \theta$



In each triangle ABC, angle C is a right angle. Find the value of the trig function indicated.

5) Find $\cos A$ if $b = 16$, $a = 12$

6) Find $\tan A$ if $b = 7$, $a = 24$

7) Find $\sin A$ if $a = 20$, $b = 15$

8) Find $\sin A$ if $c = 13$, $a = 5$

Find the value of the trig function indicated.

9) Find $\tan \theta$ if $\sin \theta = \frac{3}{5}$

10) Find $\sin \theta$ if $\cos \theta = \frac{5}{13}$

11) Find $\cos \theta$ if $\sin \theta = \frac{12}{13}$

12) Find $\tan \theta$ if $\sin \theta = \frac{24}{25}$

Answers to Target 7B: Trigonometry

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

5) $\frac{4}{5}$

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

2) $\frac{4}{5}$

6) $\frac{24}{7}$

10) $\frac{12}{13}$

3) $\frac{24}{7}$

7) $\frac{4}{5}$

11) $\frac{5}{13}$

4) $\frac{1}{2}$

8) $\frac{5}{13}$

12) $\frac{24}{7}$