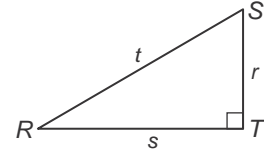


# 8-4 Skills Practice

## Trigonometry

Find  $\sin R$ ,  $\cos R$ ,  $\tan R$ ,  $\sin S$ ,  $\cos S$ , and  $\tan S$ .  
Express each ratio as a fraction and as a decimal to the nearest hundredth.



1.  $r = 16, s = 30, t = 34$

2.  $r = 10, s = 24, t = 26$

Use a special right triangle to express each trigonometric ratio as a fraction and as a decimal to the nearest hundredth if necessary.

3.  $\sin 30^\circ$

4.  $\tan 45^\circ$

5.  $\cos 60^\circ$

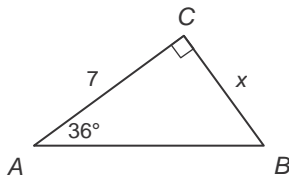
6.  $\sin 60^\circ$

7.  $\tan 30^\circ$

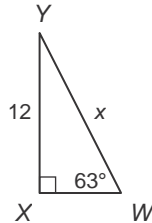
8.  $\cos 45^\circ$

Find  $x$ . Round to the nearest hundredth if necessary.

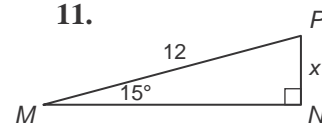
9.



10.

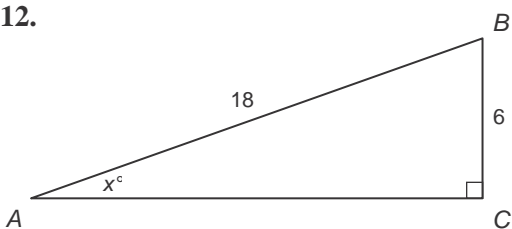


11.

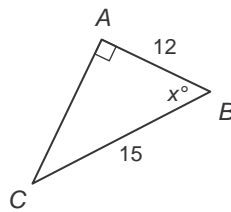


Use a calculator to find the measure of  $\angle B$  to the nearest tenth.

12.



13.



14.

