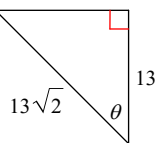


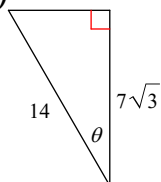
## 4A.2 Right Triangle Trigonometry

Find the value of the trig function indicated.

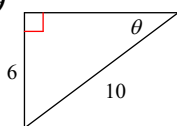
1)  $\sin \theta$



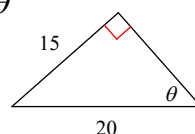
2)  $\tan \theta$



3)  $\sec \theta$



4)  $\cos \theta$



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

6) Find  $\cos \theta$  if  $\tan \theta = \frac{3}{2}$

7) Find  $\cot \theta$  if  $\sin \theta = \frac{\sqrt{2}}{2}$

8) Find  $\cot \theta$  if  $\sec \theta = \frac{5}{3}$

9) Find  $\cot \theta$  if  $\csc \theta = 4$

10) Find  $\tan \theta$  if  $\cot \theta = \frac{8}{15}$

11) Find  $\cot \theta$  if  $\sin \theta = \frac{4}{5}$

12) Find  $\cos \theta$  if  $\csc \theta = \frac{25}{24}$