

## Right Triangle Trigonometry

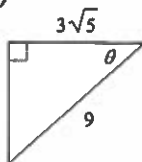
Find the value of each. Round your answers to the nearest ten-thousandth.

1)  $\csc 23^\circ$

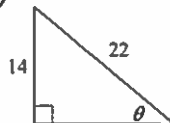
2)  $\tan \frac{5\pi}{36}$

Find the value of the trig function indicated.

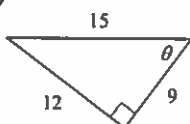
3)  $\csc \theta$



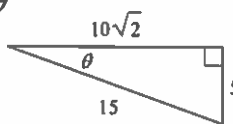
4)  $\tan \theta$



5)  $\tan \theta$



6)  $\sec \theta$



7) Find  $\cot \theta$  if  $\cos \theta = \frac{3}{13}$

8) Find  $\cos \theta$  if  $\sin \theta = \frac{4\sqrt{13}}{17}$

9) Find  $\sec \theta$  if  $\cos \theta = \frac{\sqrt{2}}{10}$

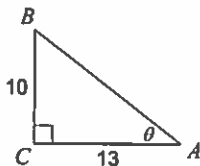
10) Find  $\sin \theta$  if  $\sec \theta = \frac{5}{3}$

11) Find  $\tan \theta$  if  $\csc \theta = \sqrt{10}$

12) Find  $\cos \theta$  if  $\sec \theta = \frac{5}{4}$

Find the measure of each angle indicated. Round to the nearest tenth.

13)



14)

