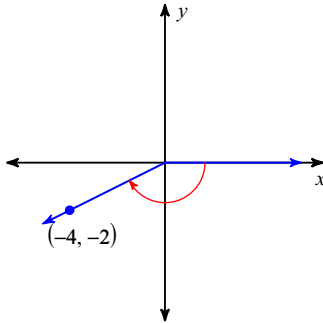


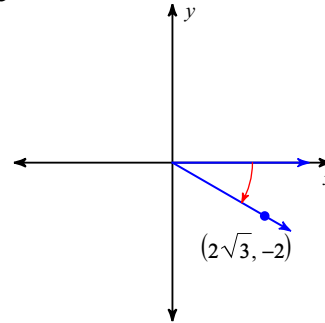
Review: Trig Values of General Angles

Use the given point on the terminal side of angle θ to find the value of the trigonometric function indicated.

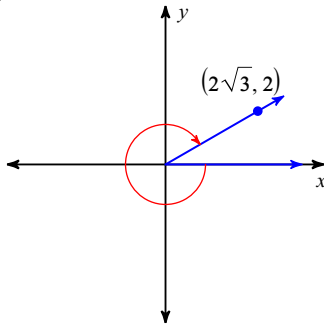
1) $\cos \theta$



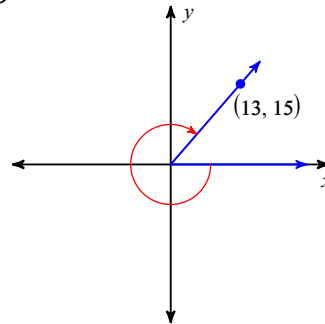
2) $\csc \theta$



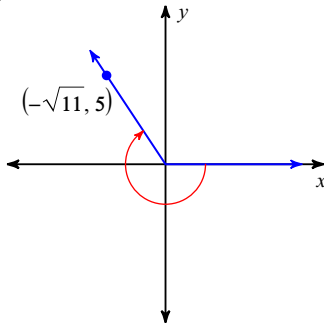
3) $\cot \theta$



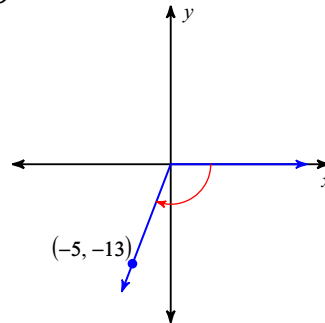
4) $\tan \theta$



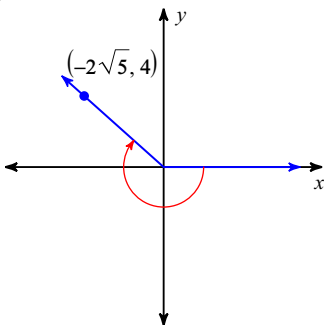
5) $\cot \theta$



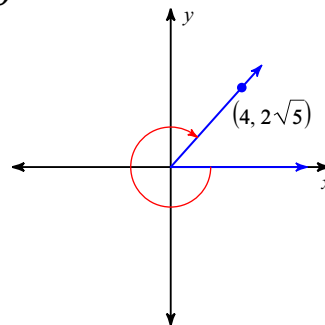
6) $\cot \theta$



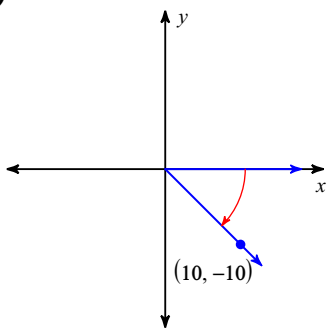
7) $\sin \theta$



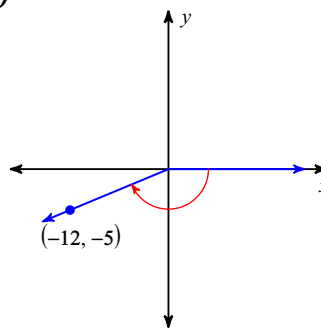
8) $\cot \theta$



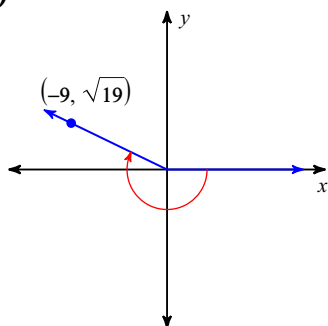
9) $\csc \theta$



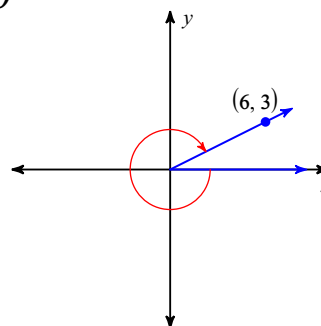
10) $\sec \theta$



11) $\csc \theta$



12) $\cos \theta$



Find the value of the trig function indicated.

13) Find $\tan \theta$ if $\csc \theta = \frac{5}{3}$

14) Find $\sec \theta$ if $\tan \theta = \frac{24}{7}$

15) Find $\csc \theta$ if $\cos \theta = \frac{3\sqrt{13}}{13}$

16) Find $\sec \theta$ if $\sin \theta = \frac{\sqrt{5}}{5}$

17) Find $\sin \theta$ if $\tan \theta = 4$

18) Find $\sin \theta$ if $\tan \theta = \frac{1}{3}$

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

20) Find $\csc \theta$ if $\tan \theta = \frac{3\sqrt{10}}{20}$

Answers to Review: Trig Values of General Angles (ID: 1)

$$1) -\frac{2\sqrt{5}}{5}$$

$$5) -\frac{\sqrt{11}}{5}$$

$$9) -\sqrt{2}$$

$$13) \frac{3}{4}$$

$$17) \frac{4\sqrt{17}}{17}$$

$$2) -2$$

$$6) \frac{5}{13}$$

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

$$14) \frac{25}{7}$$

$$18) \frac{\sqrt{10}}{10}$$

$$3) \sqrt{3}$$

$$7) \frac{2}{3}$$

$$11) \frac{10\sqrt{19}}{19}$$

$$15) \frac{\sqrt{13}}{2}$$

$$19) \frac{4}{5}$$

$$4) \frac{15}{13}$$

$$8) \frac{2\sqrt{5}}{5}$$

$$12) \frac{2\sqrt{5}}{5}$$

$$16) \frac{\sqrt{5}}{2}$$

$$20) \frac{7}{3}$$