

**DON'T SKIP THIS ONE!**

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**Find the value of the trig function indicated.**

1) Find  $\cos \theta$  if  $\sin \theta = \frac{3}{5}$  in Quadrant II

2) Find  $\sin \theta$  if  $\cot \theta = \frac{12}{5}$  in Quadrant III

3) Find  $\csc \theta$  if  $\sin \theta = \frac{4}{5}$  in Quadrant I

4) Find  $\cos \theta$  if  $\sin \theta = \frac{24}{25}$  in Quadrant II

5) Find  $\sec \theta$  if  $\sin \theta = \frac{4}{5}$  in Quadrant II

6) Find  $\tan \theta$  if  $\sec \theta = -\frac{13}{5}$  in Quadrant III

7) Find  $\cot \theta$  if  $\tan \theta = \frac{\sqrt{19}}{5}$  in Quadrant I

8) Find  $\tan \theta$  if  $\cos \theta = \frac{4}{5}$  in Quadrant IV

**Use the given point on the terminal side of angle  $\theta$  to find the value of the trigonometric function indicated.**

9)  $\sin \theta$ ; (3, 12)

10)  $\cos \theta$ ; (-4, 3)

11)  $\tan \theta$ ;  $(-\sqrt{7}, 3)$

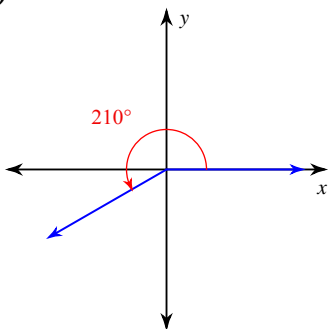
12)  $\cot \theta$ ;  $(2, \sqrt{5})$

13)  $\sec \theta$ ; (3, 3)

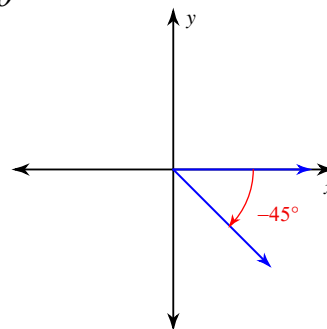
14)  $\csc \theta$ ; (-3, 4)

**Find the exact value of each trigonometric function.**

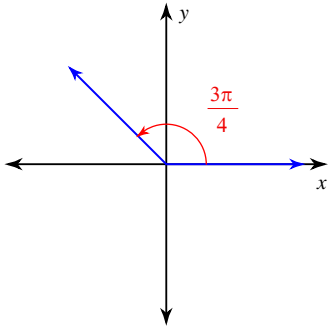
15)  $\sin \theta$



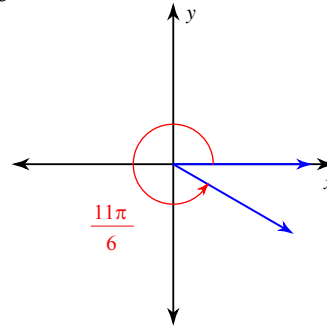
16)  $\tan \theta$



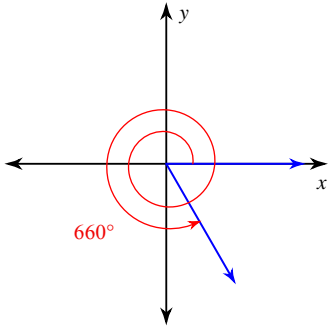
17)  $\tan \theta$



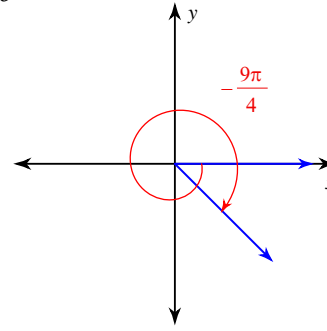
18)  $\tan \theta$



19)  $\tan \theta$



20)  $\sec \theta$



**Give the reference angle. Then find the exact value of each trigonometric function.**

21)  $\cos \frac{17\pi}{3}$

22)  $\sin -\frac{11\pi}{3}$

23)  $\csc \frac{2\pi}{3}$

24)  $\sin -\frac{3\pi}{4}$

25)  $\tan \frac{15\pi}{4}$