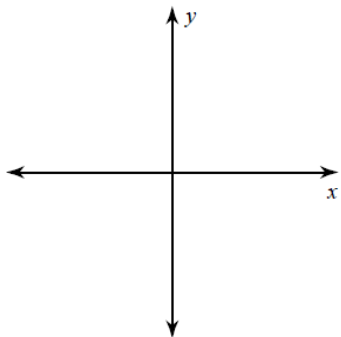


PreCalculus
Angles in Standard Position WS

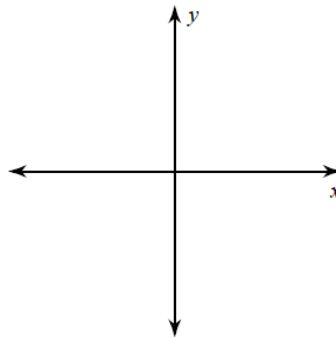
Name _____

Draw an angle with the given measure in standard position.

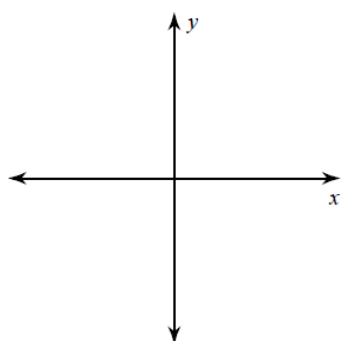
1) $-\frac{5\pi}{4}$



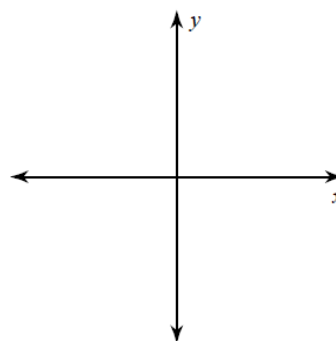
2) 235°



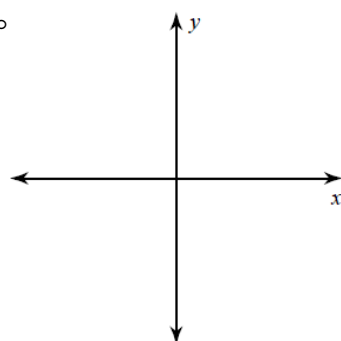
3) 576°



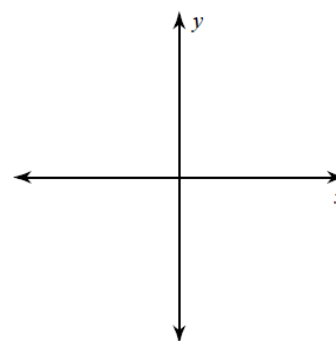
4) $\frac{13\pi}{6}$



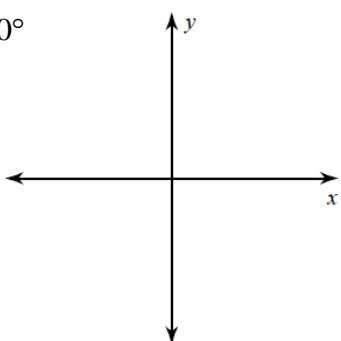
5) -452°



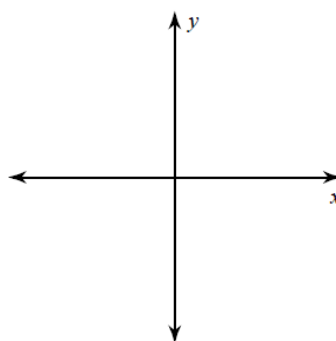
6) $\frac{43\pi}{12}$



7) -1050°

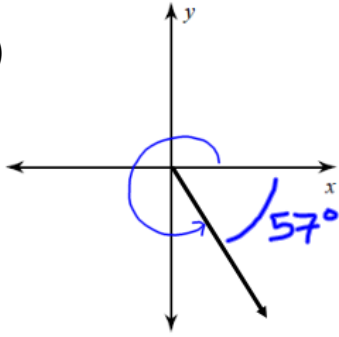


8) -9π

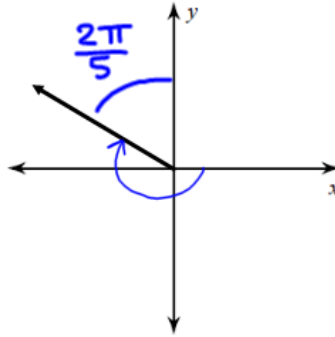


Find the measure of each angle, using the same degree measure as shown in each picture.

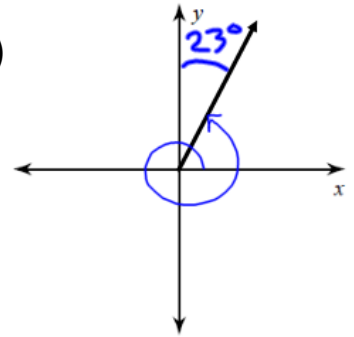
9)



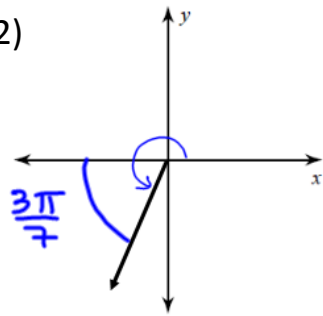
10)



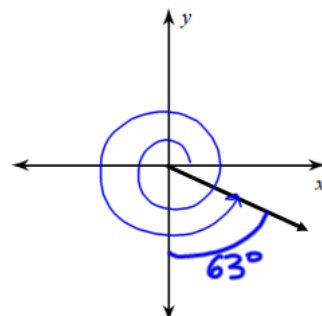
11)



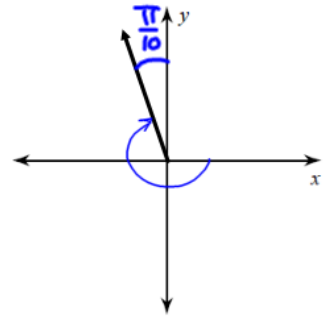
12)



13)



14)



State the quadrant in which the terminal side of each angle lies.

15) $\frac{5\pi}{3}$

16) $-\frac{11\pi}{5}$

17) 235π

18) 2500°

19) $-\frac{17\pi}{6}$

20) $\frac{13\pi}{18}$