

Convert each degree measure into radians. Exact answers leave in terms of pi

1) 350°

2) 390°

3) -135°

4) -640°

5) 150°

6) 315°

7) 300°

8) -650°

Convert each radian measure into degrees. Exact answers

9) $-\frac{7\pi}{4}$

10) $\frac{2\pi}{9}$

11) $-\frac{3\pi}{4}$

12) $\frac{\pi}{2}$

13) $\frac{11\pi}{6}$

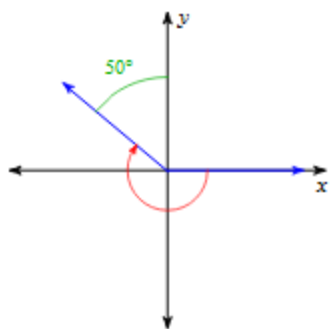
14) $-\frac{9\pi}{4}$

15) $\frac{46\pi}{9}$

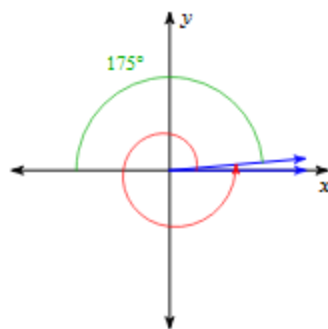
16) $-\frac{11\pi}{6}$

Find the measure of each angle. (use the swirl with the arrow to determine the angle)

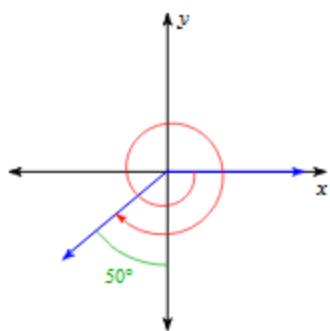
17)



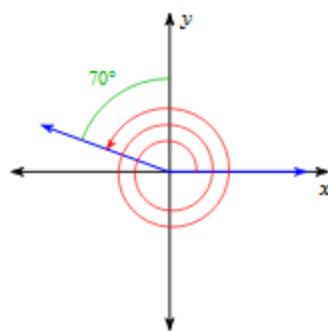
18)



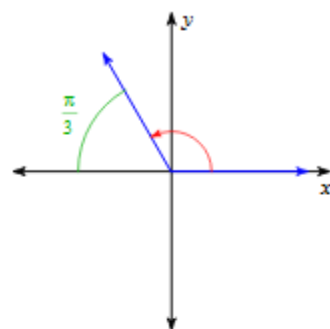
19)



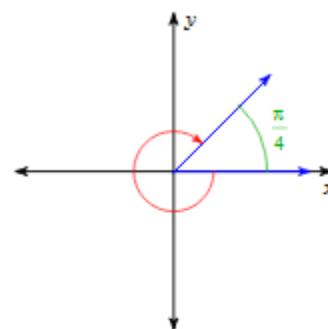
20)



21)

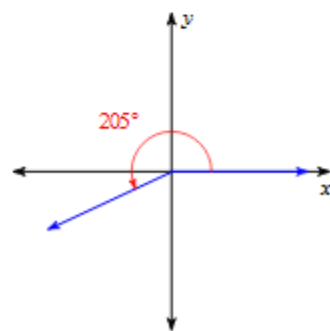


22)

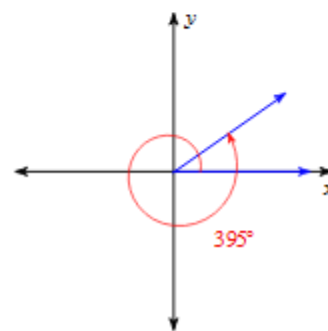


Find the reference angle.

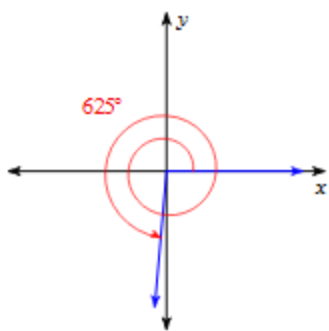
23)



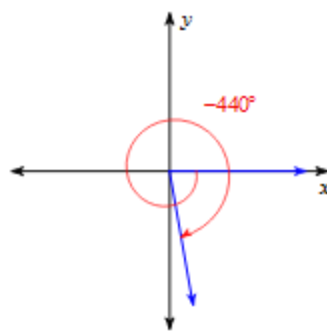
24)



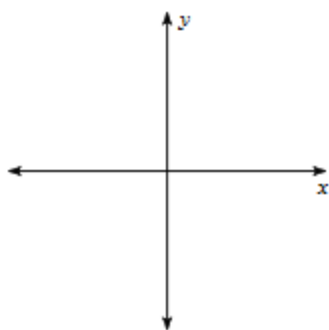
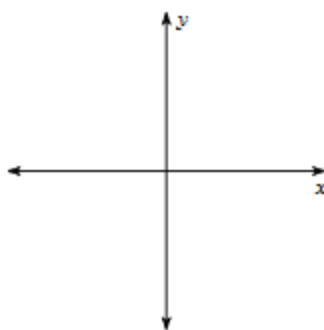
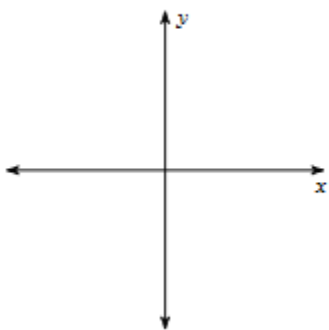
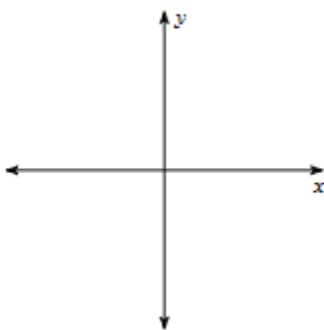
25)



26)



Draw an angle with the given measure in standard position.

27) 510° 28) 415° 29) 470° 30) -620° 

Name one positive and one negative conterminal angle. (given in radians answer in radians)

31) 187° 32) 570° 33.) $\frac{7\pi}{4}$ 34) $\frac{16\pi}{5}$