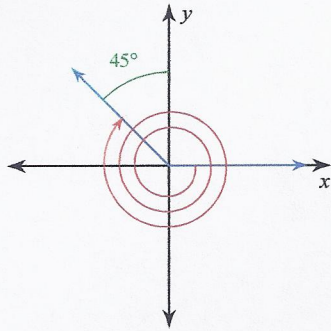


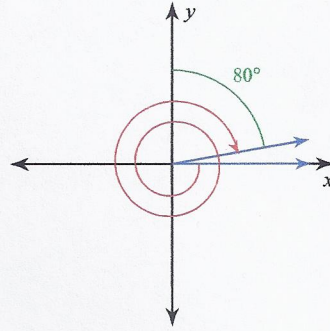
Practice 4.2

Find the measure of each angle.

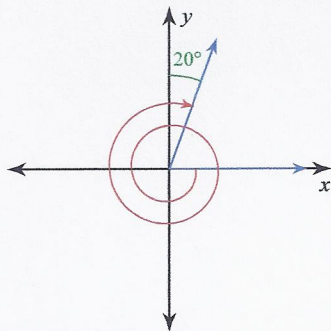
1)



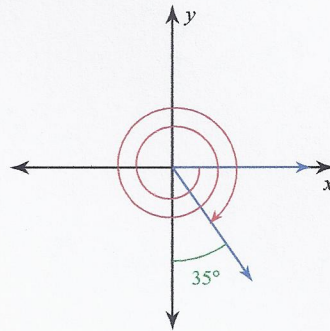
2)



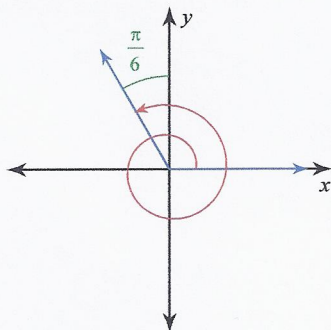
3)



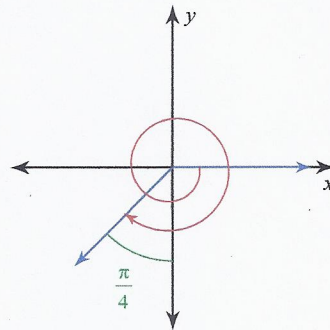
4)



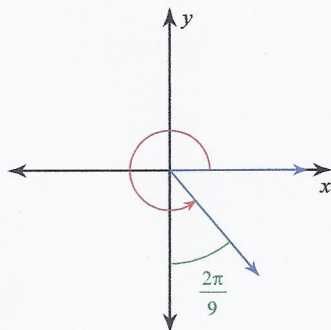
5)



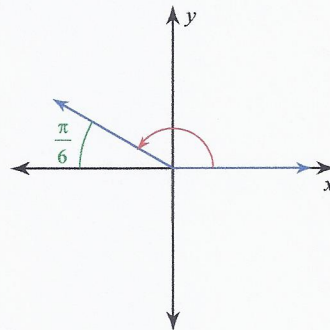
6)



7)



8)



Find the reference angle.

9) 150°

10) -110°

11) 550°

12) 670°

13) $\frac{19\pi}{12}$

14) $\frac{11\pi}{3}$

15) $\frac{8\pi}{3}$

16) $\frac{7\pi}{4}$

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

17) -213°

18) 50°

19) -146°

20) 118°

21) $\frac{7\pi}{4}$

22) $-\frac{7\pi}{6}$

23) $\frac{4\pi}{3}$

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

Find a positive and a negative coterminal angle for each given angle.

25) 0°

26) -60°

27) -28°

28) 240°

29) $\frac{5\pi}{2}$

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

31) $\frac{11\pi}{4}$

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

Convert each degree measure into radians.

33) -105°

34) -300°

35) -255°

36) -560°

Convert each radian measure into degrees.

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

38) $-\frac{49\pi}{12}$

39) $-\frac{13\pi}{12}$

40) $-\frac{32\pi}{9}$