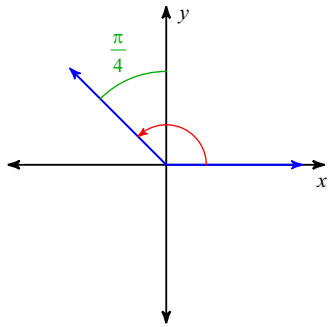


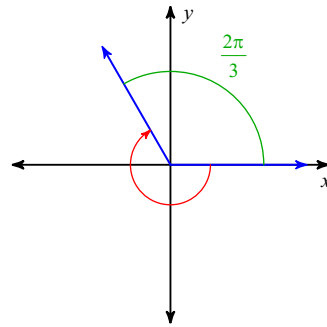
Determine Measures of Rotations in Radians

Find the measure of each angle.

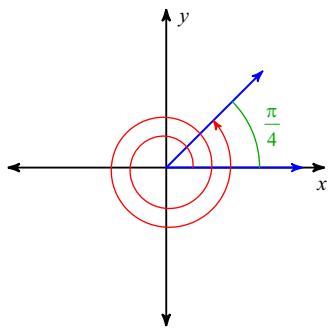
1)



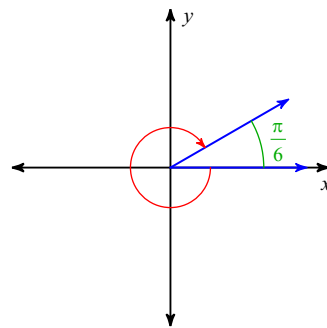
2)



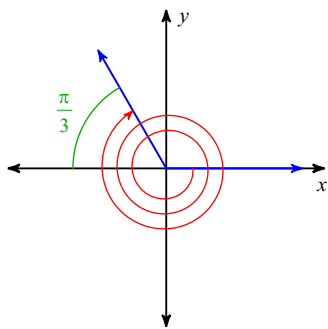
3)



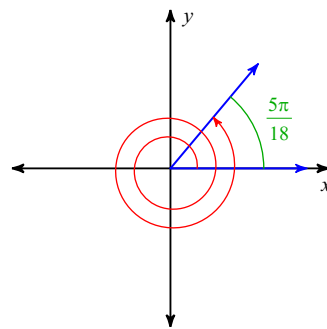
4)



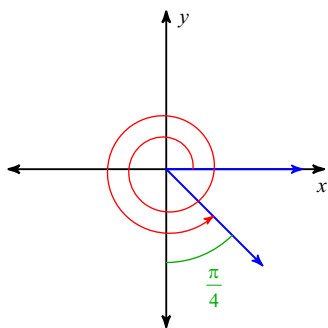
5)



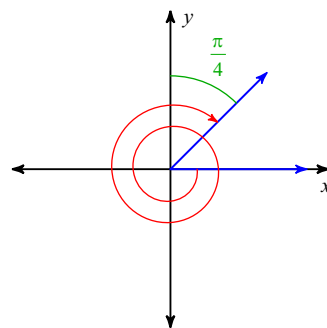
6)



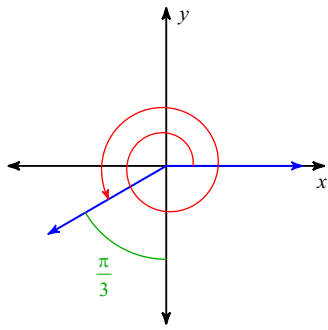
7)



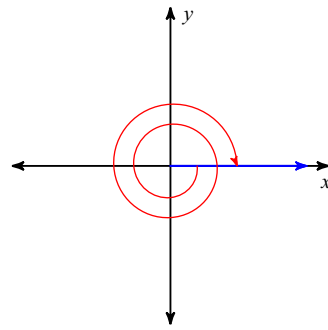
8)



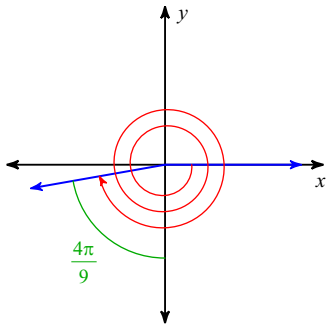
9)



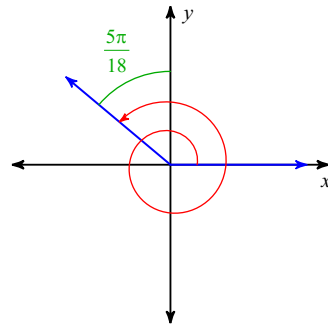
10)



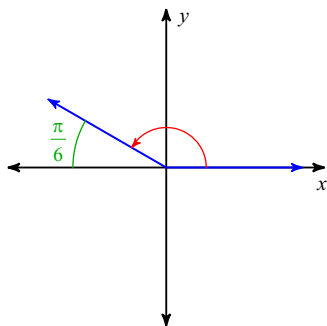
11)



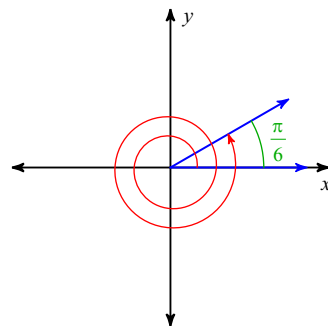
12)



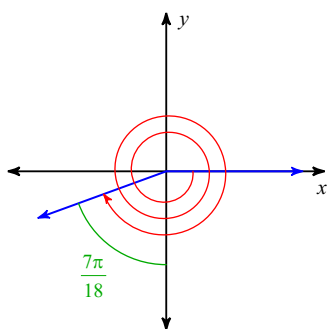
13)



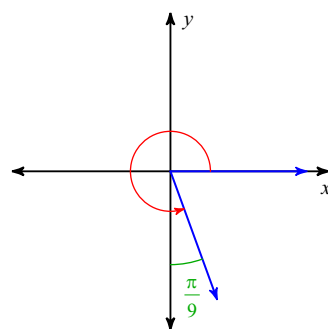
14)



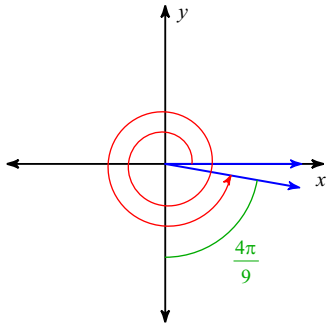
15)



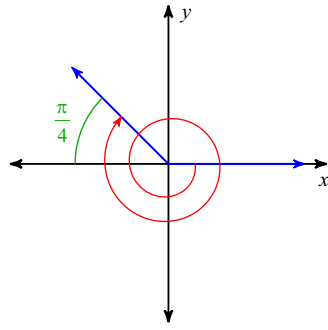
16)



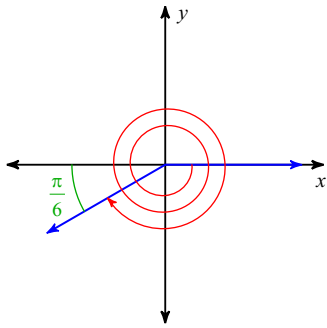
17)



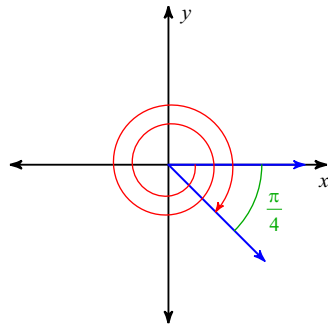
18)



19)



20)



Answers to Measures of Rotations

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

5) $-\frac{16\pi}{3}$

9) $\frac{19\pi}{6}$

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

17) $\frac{71\pi}{18}$

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

6) $\frac{77\pi}{18}$

10) -4π

14) $\frac{25\pi}{6}$

18) $-\frac{13\pi}{4}$

3) $\frac{17\pi}{4}$

7) $\frac{15\pi}{4}$

11) $-\frac{89\pi}{18}$

15) $-\frac{44\pi}{9}$

19) $-\frac{29\pi}{6}$

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

8) $-\frac{15\pi}{4}$

12) $\frac{25\pi}{9}$

16) $\frac{29\pi}{18}$

20) $-\frac{17\pi}{4}$