

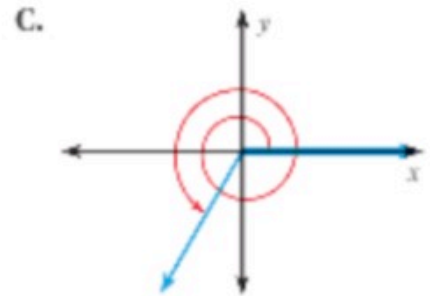
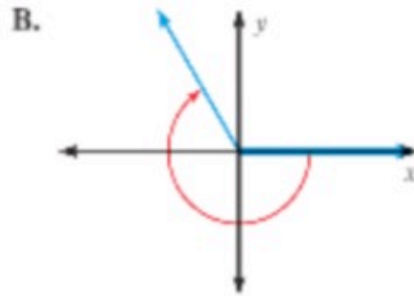
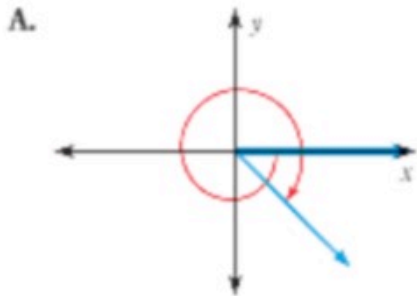
SHOW ALL WORK.

Match the angle measure with the angle.

1. $\frac{10\pi}{3}$

2. $-\frac{9\pi}{4}$

3. $-\frac{4\pi}{3}$



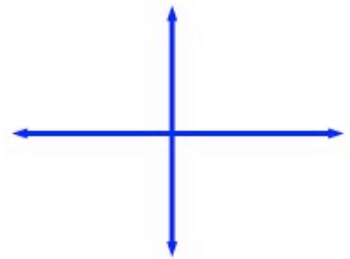
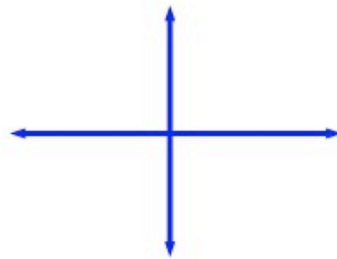
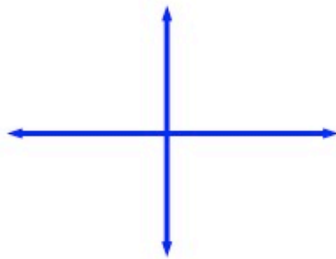
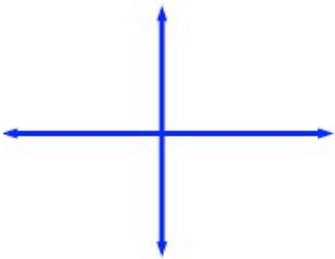
Draw the angle with the given radian measure in standard position.

4. 4

5. -2

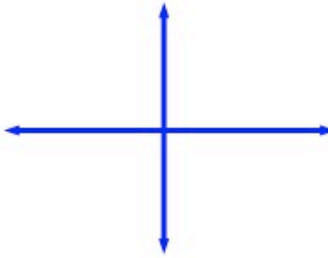
6. 8

7. -10



For problems #8-15, a) draw the angle in standard position; b) find the reference angle, c) find one positive and one negative coterminal angle.

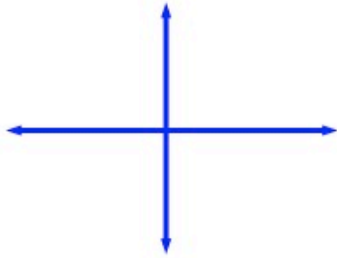
8. $\frac{\pi}{3}$



b. _____

c. _____

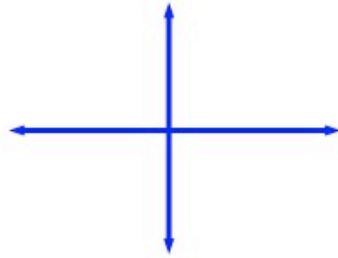
9. $-\frac{5\pi}{6}$



b. _____

c. _____

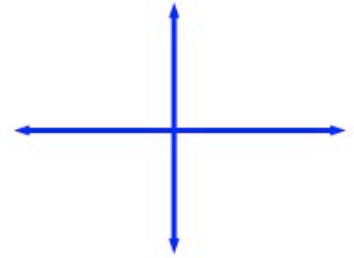
10. $-\frac{3\pi}{2}$



b. _____

c. _____

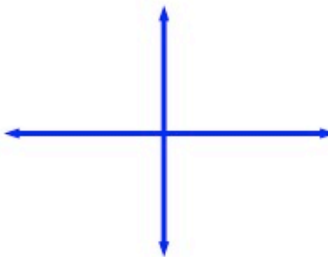
11. $\frac{8\pi}{5}$



b. _____

c. _____

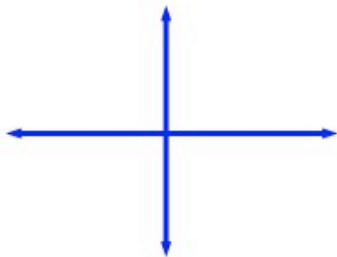
12. $\frac{17\pi}{6}$



b. _____

c. _____

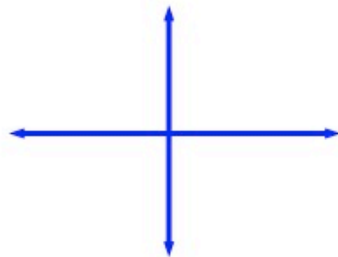
13. $-\frac{13\pi}{4}$



b. _____

c. _____

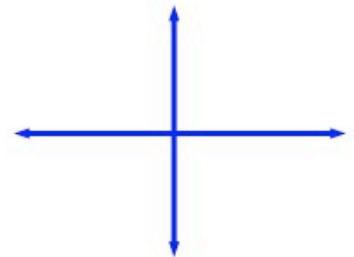
14. $-\frac{12\pi}{3}$



b. _____

c. _____

15. $\frac{11\pi}{2}$



b. _____

c. _____

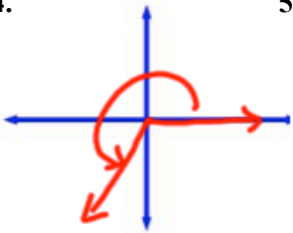
Unit 6.4 Homework Answers

1. C

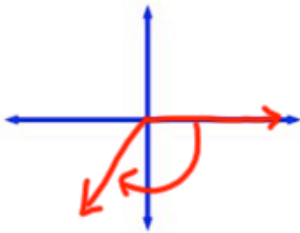
2. A

3. B

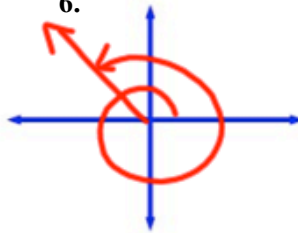
4.



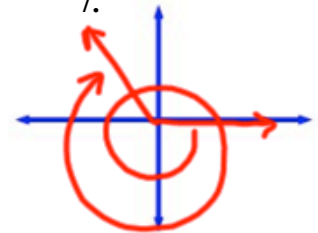
5.



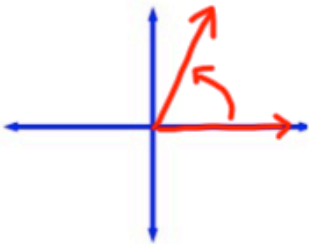
6.



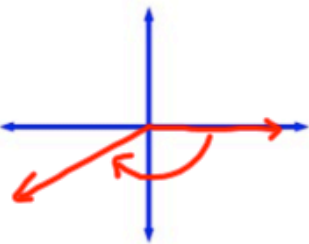
7.



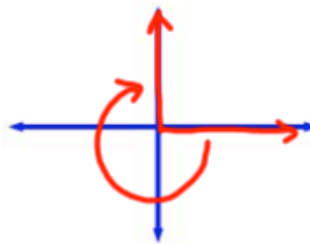
8.



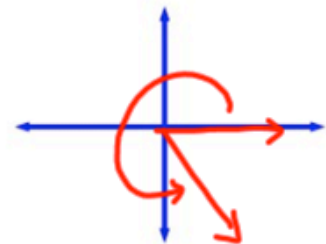
9.



10.



11.



b. $\frac{\pi}{3}$

b. $\frac{\pi}{6}$

b. $\frac{\pi}{2}$

b. $\frac{2\pi}{5}$

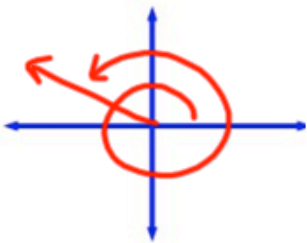
c. $\frac{7\pi}{3}, -\frac{5\pi}{3}$

c. $\frac{7\pi}{6}, -\frac{17\pi}{6}$

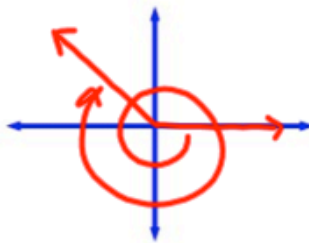
c. $\frac{\pi}{2}, -\frac{7\pi}{2}$

c. $\frac{18\pi}{5}, -\frac{2\pi}{5}$

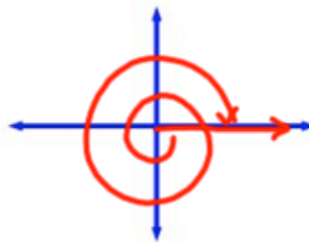
12.



13.



14.



15.



b. $\frac{\pi}{6}$

b. $\frac{\pi}{4}$

b. 0

b. $\frac{\pi}{2}$

c. $\frac{5\pi}{6}, -\frac{7\pi}{6}$

c. $\frac{3\pi}{4}, -\frac{5\pi}{4}$

c. $2\pi, -2\pi$

c. $\frac{7\pi}{2}, -\frac{\pi}{2}$