Name _____ Date _____

In Exercises 1–6, draw an angle with the given measure in standard position.

1. $260°$

2. $400°$

3. $-200°$

4. $\dfrac{5\pi}{2}$

5. $\dfrac{7\pi}{6}$

6. -4π

In Exercises 7–9, match the angle measure with the angle.
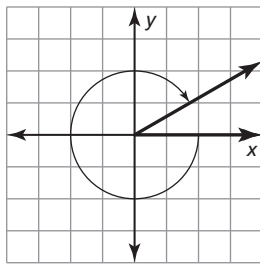
7. $-300°$

8. $\dfrac{5\pi}{3}$

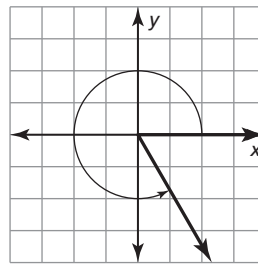**9.** $-\dfrac{11\pi}{6}$

A.
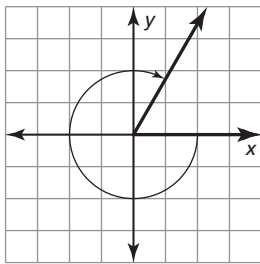
B.

C.

In Exercises 10–12, find one positive angle and one negative angle that are coterminal with the given angle.

10. $\dfrac{5\pi}{4}$

11. $-420°$

12. $-\dfrac{11\pi}{2}$

In Exercises 13–18, convert the degree measure to radians or the radian measure to degrees.

13. $200°$

14. $1°$

15. $-475°$

16. $\dfrac{3\pi}{10}$

17. $-\dfrac{5\pi}{12}$

18. 6

19. There are 60 minutes in 1 degree of arc, and 60 seconds in 1 minute of arc. The notation $50°30'10''$ represents an angle with a measure of $50°$, 30 minutes, and 10 seconds.

   a. Write the angle measure $160.44°$ using the notation above.

   b. Write the angle measure $98°\,15'\,45''$ to the nearest hundredth of a degree.