Name _____ Date _____

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

  1. $260°$ **2.** $400°$ **3.** $-200°$

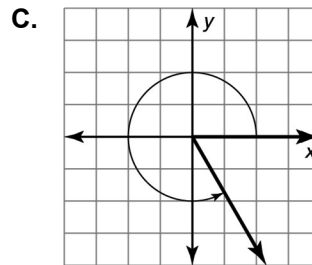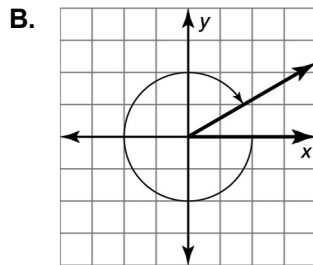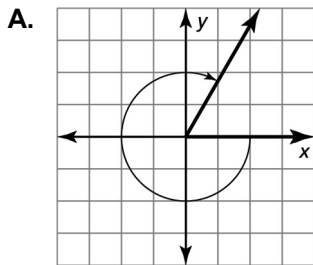**In Exercises 4–6, find one positive angle and one negative angle that are coterminal with the given angle**

  4. $225°$ **5.** $-420°$ **6.** $-990°$

In Exercises 7–12, convert the degree measure to radians or the radian measure to degrees.

  7. $200°$ **8.** $1°$ **9.** $-475°$

  10. $\dfrac{3\pi}{10}$ **11.** $-\dfrac{5\pi}{12}$ **12.** 6

In Exercises 13–15, match the angle measure with the angle.

  13. $-300°$ **14.** $\dfrac{5\pi}{3}$ **15.** $-\dfrac{11\pi}{6}$

A.   **B.**   **C.**

16. 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.