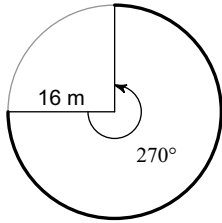


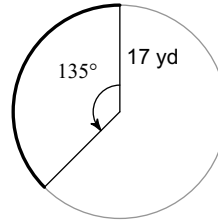
Arc Length, Sketching Angles, Reference Angles

Find the length of each arc.

1)



2)



FAST PRACTICE State the quadrant each angle lies. Use I, II, III, IV.

3) 340°

4) -160°

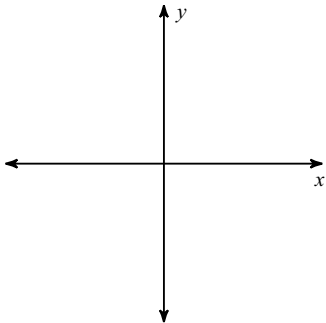
Find a positive and a negative coterminal angle for each given angle.

5) 340°

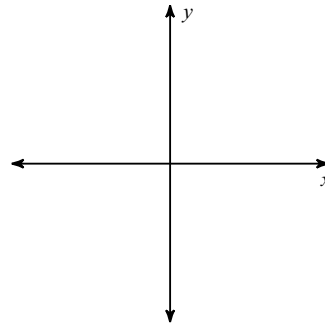
6) -556°

Draw an angle with the given measure in standard position.

7) 170°



8) -320°



Sketch the angle and find the reference angle.

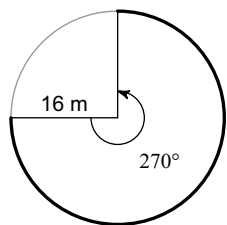
9) 260°

10) -310°

Arc Length, Sketching Angles, Reference Angles

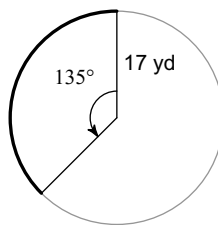
Find the length of each arc.

1)



24π m

2)



$\frac{51\pi}{4}$ yd

FAST PRACTICE State the quadrant each angle lies. Use I, II, III, IV.

3) 340°

IV

4) -160°

III

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

5) 340°

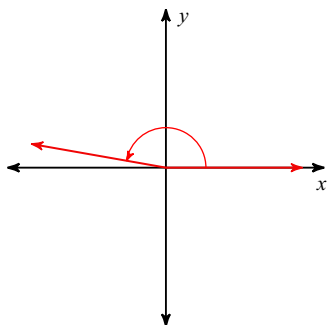
700° and -20°

6) -556°

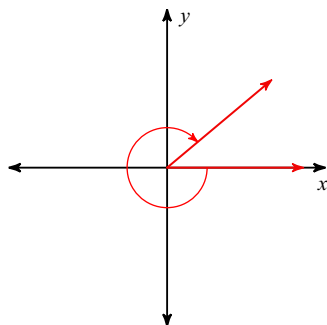
164° and -196°

Draw an angle with the given measure in standard position.

7) 170°



8) -320°



Sketch the angle and find the reference angle.

9) 260°

80°

10) -310°

50°