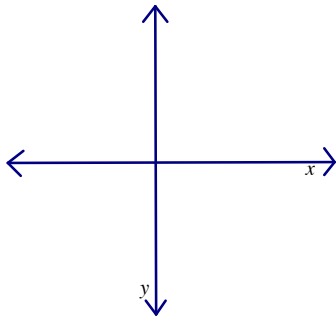
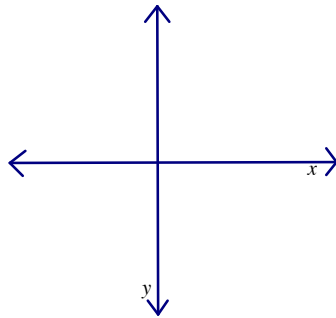


#1-4, Draw an angle with the given measure in **standard position**.

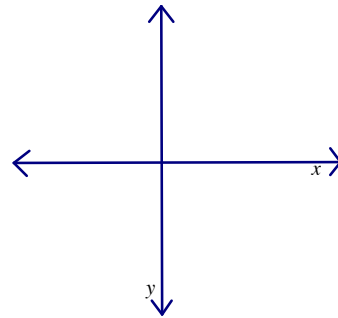
1. 230°



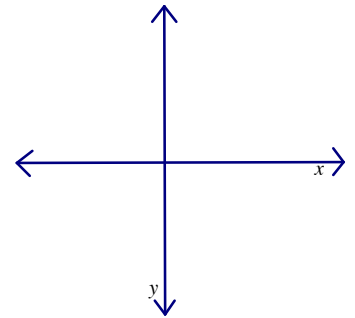
2. $\frac{7\pi}{6}$



3. $-\frac{11\pi}{12}$



4. 4 radians



#5-9, Find a positive and negative **coterminal angle** for each given angle. Draw a picture if necessary.

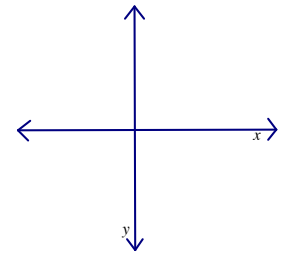
5. 95°

6. -210°

7. $\frac{5\pi}{3}$

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

9. $\frac{7\pi}{6}$



#10-13, Convert each degree measure into radians and each radian measure into degrees.

10. 265°

11. $\frac{7\pi}{10}$

12. 110°

13. $\frac{2\pi}{3}$

#14-18, Find the measure of the **reference angle** for each given angle. Leave answer in the same unit of measure the angle was given in.

14. $\theta = \frac{7\pi}{6}$

15. $\theta = -60^\circ$

16. $\theta = 230^\circ$

17. $\theta = \frac{2\pi}{3}$

18. $\theta = \frac{15\pi}{8}$

19. How many times will the length of a circle's radius fit around its circumference? _____

20. An angle that measures 1 radian is equal to about _____ degrees.