

#1-8, Convert each degree measure into radians and each radian measure into degrees.

1. 45°

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

3. 330°

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

5. $\frac{7\pi}{8}$

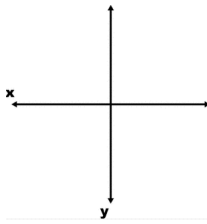
6. 245°

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

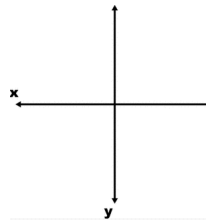
8. 130°

#9-14, Draw each angle in *standard position*.

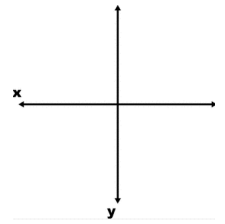
9. -200°



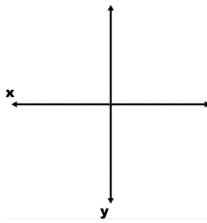
10. $\frac{7\pi}{12}$



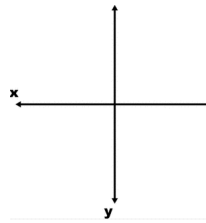
11. 1 rad.



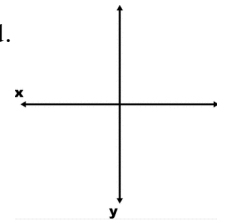
12. 3 rad.



13. 5 rad.

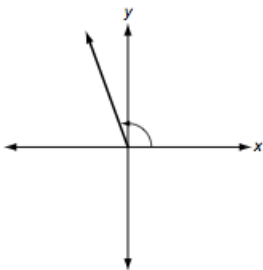


14. -2 rad.

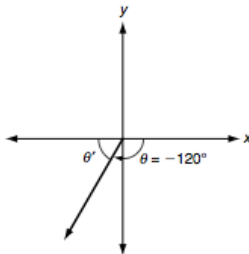


#15-22, Find the *reference angle*. Use the appropriate unit

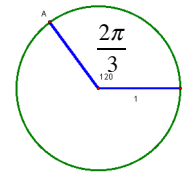
15. $\theta = 110^\circ$



16. $\theta = -120^\circ$



17.



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

19. $\theta = 400^\circ$

20. $\theta = 315^\circ$

21. $\theta = \frac{11\pi}{6}$

22. $\theta = \frac{5\pi}{4}$

#23-25, Find a *positive* and *negative* coterminal angle for each given angle. Stay in the designated unit (degree or radian)

23. 135°

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

25. 50°
