

OBJECTIVE: You will be able to convert between radian measures and degrees.

Convert each degree measure to radians, then find the measure of the reference angle in degrees.

1. 135°

2. 405°

3. 90°

4. 510°

5. 210°

6. 225°

7. -120°

8. 300°

9. 150°

Convert each radian measure to degrees, then find the measure of the reference angle in degrees.

10. $\frac{5\pi}{2}$

11. $\frac{8\pi}{3}$

12. $\frac{7\pi}{4}$

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

14. 2π

15. $\frac{5\pi}{6}$

16. $\frac{9\pi}{4}$

17. $-\frac{5\pi}{3}$

18. $\frac{11\pi}{6}$