

*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.  $135^\circ$

2.  $405^\circ$

3.  $90^\circ$

4.  $510^\circ$

5.  $210^\circ$

6.  $225^\circ$

7.  $-120^\circ$

8.  $300^\circ$

9.  $150^\circ$

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.  $2\pi$

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

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

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

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