

Convert each degree measure into radians.

1.  $40^\circ$

2.  $75^\circ$

3.  $345^\circ$

4.  $165^\circ$

5.  $230^\circ$

6.  $300^\circ$

7.  $195^\circ$

8.  $160^\circ$

9.  $250^\circ$

10.  $85^\circ$

Convert each radian measure into degrees. Write the unit circle ordered pair for each problem except numbers 11, 14 and 18.

11.  $\frac{5\pi}{12}$

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

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

14.  $\frac{11\pi}{12}$

15.  $\frac{33\pi}{18}$

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

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

18.  $\frac{17\pi}{9}$

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

20.  $\frac{5\pi}{4}$

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

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