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Change each degree measure to radian measure in terms of π .

$$20. -75^\circ \quad -\frac{5\pi}{12}$$

Change each radian measure to degree measure.

$$22. \frac{7\pi}{12} \quad 105^\circ$$

Evaluate each expression. using the unit circle

$$28. \sin \frac{5\pi}{3} \quad -\frac{\sqrt{3}}{2}$$

$$29. \tan \frac{7\pi}{6} \quad \frac{\sqrt{3}}{3}$$

$$30. \cos \frac{5\pi}{4} \quad -\frac{\sqrt{2}}{2}$$

$$36. \theta = 150^\circ, r = 14, \text{ arc length} = ? \quad \frac{35\pi}{3}$$

$$45. r = 7, \theta = 22.5^\circ, \text{ Area} = ?$$

$$\frac{3.0625}{\pi}$$

$$A. \text{ arc length} = 6, r = 2.5, \theta^\circ = ? \text{ in degrees.} \quad \frac{432}{\pi}$$

$$B. \text{ Graph } y = \cos x \text{ using a table.}$$