

Exercise 122

For the following exercises, convert each angle in radians to degrees.

$$\frac{5\pi}{12} \text{ rad}$$

Solution

Convert to degrees by multiplying the given angle with the appropriate conversion factor.

$$\frac{5\pi}{12} \cancel{\text{radians}} \times \frac{180^\circ}{\pi \cancel{\text{radians}}} = 75^\circ$$

The radians cancel, and only degrees are left in the numerator.