

Exercise 120

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

$$\frac{11\pi}{2} \text{ rad}$$

Solution

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

$$\frac{11\pi}{2} \text{ radians} \times \frac{180^\circ}{\pi \text{ radians}} = 990^\circ$$

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