Chapter 1

Functions and Graphs

Exercise Solution

Exercise 1.1.113

Instruction

Convert the angle 240° to radians. Write the answer as a multiple of π.

Solution

180° being equal to π radians gives the conversion factor $\pi/180$ for conversion from degrees to radians. Us this factor on the given angle

$$240° = 240\frac{\pi}{180} = \frac{4\pi}{3}.$$

Answer

$4\pi/3$ rad.