

Chapter 1

Functions and Graphs

Exercise Solution

Exercise 1.1.114

Instruction

Convert the angle 15° 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. We use this factor to convert the given angle to radians

$$15^\circ = 15 \frac{\pi}{180} = \frac{\pi}{12}.$$

Answer

$\pi/12$ rad.