Chapter 1

Basic Classes of Functions

Checkpoint Solution

Checkpoint 1.16: Converting between Radians and Degrees

Instruction

(a) Express $210°$ using radians.

(b) Express $5\pi/3$ rad using degrees.

Solution

(a) The fact that π radians is 180 degrees gives us the conversion factor $\frac{\pi}{180°} \, rad$ which we can use to convert,

$$210° = 210° \cdot \frac{\pi}{180°} \, rad = \frac{7\pi}{6} \, rad.$$

(b) TODO

Answer

(a) $7\pi/6$ radians.

(b) TODO