Exercise 59

Intervals Express each set in interval notation.

(a)

(b)
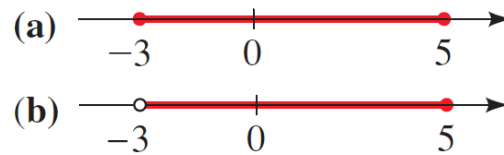
Solution

Part (a)

Here the set consists of all values between and including -3 and 5.

$$\{x \mid -3 \le x \le 5\}$$

Part (b)

Here the set consists of all values from but not including -3 to and including 5.

$$\{x \mid -3 < x \le 5\}$$