

Example 6. Write each set using the roster method.

(a) {multiples of 10 between 10 and 190}

$$= \{20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180\}$$

(b) $\{x \mid x = 8k, k = -3, -2, -1, 0, 1, 2, 3, 4\}$

$$= \{-24, -16, -8, 0, 8, 16, 24, 32\}$$

(c) $\{x \mid -3 < x < 6, x \text{ is an integer}\}$

$$= \{-2, -1, 0, 1, 2, 3, 4, 5\}$$