

# Exercises with Solutions

**Exercise 1** Solve the equation  $2x + 5 = 13$ .

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$$2x = 8$$

$$x = 4$$

**Exercise 2** Calculate the area of a rectangle with length 8 cm and width 5 cm.

**Solution 2** Area =  $l \times w = 8 \times 5 = 40 \text{ cm}^2$

**Exercise 3** Factor the expression  $x^2 - 9$ .

**Solution 3**  $x^2 - 9 = (x + 3)(x - 3)$