

**1** Completa.

$$3x + 3y = 3 \cdot ( \quad )$$

$$6x^2 + 6y^2 = 6 \cdot ( \quad )$$

$$3x - x^2 = 3x - x \cdot x = x \cdot ( \quad )$$

$$2a + a^2 = 2a + a \cdot a = a \cdot ( \quad )$$

$$4ab^2 + 6b^3 = 2 \cdot 2ab^2 + 2 \cdot 3 \cdot b \cdot b^2 = 2b^2 \cdot ( \quad )$$

$$10x^2 - 5x^3 = 2 \cdot 5x^2 - 5x \cdot x^2 = 5x^2 \cdot ( \quad )$$

**2** Completa sacando factor común.

$$3a^2 + 9ab = \square \cdot a + \square \cdot 3b = 3a \cdot ( \quad )$$

$$x^2 + 5x^3 =$$

$$12x^2y + 18xy^2 =$$

$$6a^2 + 15ab =$$

$$4x^4 + 12x^3 =$$

$$3a^2b^2 + 3a^3b + 3a^2b =$$

**3** Sacar factor común y simplificar.

$$\frac{3x + xy}{x^2} = \frac{x \cdot (3 + y)}{x \cdot x} =$$

$$\frac{15a}{5a + 10b} = \frac{5 \cdot 3a}{5 \cdot ( \quad )} =$$

$$\frac{x^2 + x}{2x^2 + 2x} =$$

$$\frac{3a - 3}{5a - 5} =$$