

Dans les exercices à compléter, les réponses sont en **gras**.

Exercice 46 p.45

a. $8n - 5n = \mathbf{8} \times n - \mathbf{5} \times n = (\mathbf{8} - \mathbf{5}) \times n = \mathbf{3n}$

b. $6x + x = \mathbf{6} \times x + \mathbf{1} \times x = (\mathbf{6} + \mathbf{1}) \times x = \mathbf{7x}$

c. $7x - x = \mathbf{7} \times x - \mathbf{1} \times x = (\mathbf{7} - \mathbf{1}) \times x = \mathbf{6x}$

d. $3,5y + y = \mathbf{3,5} \times y + \mathbf{1} \times y = (\mathbf{3,5} + \mathbf{1}) \times y = \mathbf{4,5y}$

Exercice 52 p.45

$$A = 2t^2 - 3t = 2t \times t - 3 \times t = t(2t - 3) \quad B = 4x^2 + 20x = 4x \times x + 4x \times 5 = 4x(x + 5)$$

Exercice 53 p.45

$$A = -5x^2 + 25x = 5x \times (-x) + 5x \times 5 = 5x(-x + 5) \quad B = -10 - 16a = -2 \times 5 + (-2) \times 8a = -2(5 + 8a)$$