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

Exercice 44 p.45

a. $48 + 8x = 8 \times \mathbf{6} + 8 \times \mathbf{x} = 8 \times (\mathbf{6 + x})$

b. $63y - 35 = 7 \times \mathbf{9y} - 7 \times \mathbf{5} = 7(\mathbf{9y - 5})$

c. $15a + 20 = \mathbf{5} \times 3a + \mathbf{5} \times \mathbf{4} = \mathbf{5}(3a + 4)$

d. $-2 - 4t = -2 \times \mathbf{1} - 2 \times \mathbf{2t} = -2 \times (\mathbf{1 + 2t})$

Exercice 45 p.45

a. $6x^2 - 5x = \mathbf{6x} \times x - \mathbf{5} \times x = (\mathbf{6x - 5}) \times x$

b. $49y^2 + 14y = 7y \times \mathbf{7y} + 7y \times \mathbf{2} = 7y(\mathbf{7y + 2})$

c. $9n^2 - 6n = 3n \times \mathbf{3n} - \mathbf{3n} \times \mathbf{2} = 3n(\mathbf{3n - 2})$

d. $8t^2 + 6t + 2 = 2 \times \mathbf{4t^2} + 2 \times \mathbf{3t} + 2 \times \mathbf{1} = 2 \times (\mathbf{4t^2 + 3t + 1})$

Les facteurs mis en commun sont en couleur.

Exercice 50 p.45

$A = 7x - 14 = 7 \times x - 7 \times 2 = 7(x - 2)$ $\qquad$ $B = 12t + 6 = 6 \times 2t + 6 \times 1 = 6(2t + 1)$

Exercice 51 p.45

$A = a^2 + 3a = a \times a + a \times 3 = a(a + 3)$ $\qquad$ $B = 4b^2 - 12 = 4 \times b^2 - 4 \times 3 = 4(b^2 - 3)$