

**Exercice 1**

Développer chacune des expressions littérales suivantes :

$$\left. \begin{array}{l} A = (x - 7) \times (x + 7) \\ B = (6x + 3)^2 \\ C = (5x + 6) \times (6x - 5) \end{array} \right| \begin{array}{l} D = (6x - 4)^2 \\ E = -(4x - 8)^2 \\ F = \left(\frac{3}{2}x - 1\right) \times \left(x + \frac{3}{2}\right) \end{array}$$

**Exercice 2**

Développer chacune des expressions littérales suivantes :

$$\left. \begin{array}{l} A = (5x - 9)^2 \\ B = (5x + 6) \times (6x - 5) \\ C = (7x + 2) \times (7x - 2) \end{array} \right| \begin{array}{l} D = (7x + 6)^2 \\ E = -(8x + 8) \times (8x - 8) \\ F = \left(\frac{10}{3}x - \frac{3}{8}\right)^2 \end{array}$$

**Exercice 3**

Développer chacune des expressions littérales suivantes :

$$\left. \begin{array}{l} A = (7x - 8) \times (8x + 7) \\ B = (10x - 1) \times (10x + 1) \\ C = (10x + 9)^2 \end{array} \right| \begin{array}{l} D = (7x - 2)^2 \\ E = -(10x + 9) \times (10x - 9) \\ F = \left(\frac{10}{3}x + \frac{1}{9}\right)^2 \end{array}$$

**Exercice 4**

Développer chacune des expressions littérales suivantes :

$$\left. \begin{array}{l} A = (7x + 10)^2 \\ B = (7x - 4)^2 \\ C = (7x + 4) \times (4x - 7) \end{array} \right| \begin{array}{l} D = (8x + 9) \times (8x - 9) \\ E = -(4x - 8)^2 \\ F = \left(\frac{9}{10}x + \frac{8}{7}\right)^2 \end{array}$$

**Exercice 5**

Développer chacune des expressions littérales suivantes :

$$\left. \begin{array}{l} A = (7x - 8)^2 \\ B = (6x + 9) \times (9x - 6) \\ C = (2x + 10)^2 \end{array} \right| \begin{array}{l} D = (3x + 5) \times (3x - 5) \\ E = -(2x + 5) \times (5x - 2) \\ F = \left(\frac{9}{10}x + \frac{6}{5}\right) \times \left(\frac{9}{10}x - \frac{6}{5}\right) \end{array}$$

**Exercice 6**

Développer chacune des expressions littérales suivantes :

$$\left. \begin{array}{l} A = (x - 8) \times (8x + 1) \\ B = (7x - 6) \times (7x + 6) \\ C = (5x - 1)^2 \end{array} \right| \begin{array}{l} D = (x + 1)^2 \\ E = \left(\frac{5}{8}x - \frac{6}{5}\right) \times \left(\frac{5}{8}x + \frac{6}{5}\right) \\ F = -(9x + 5) \times (5x - 9) \end{array}$$