

Exercice 1

Développer chacune des expressions littérales suivantes :

$$\begin{array}{l} A = (x + 8) \times (8x - 1) \\ B = (7x - 3)^2 \\ C = (10x + 8)^2 \end{array} \quad \left| \quad \begin{array}{l} D = (9x + 3) \times (9x - 3) \\ E = \left(7x - \frac{4}{5}\right) \times \left(\frac{4}{5}x + 7\right) \\ F = -(8x + 5)^2 \end{array}\right.$$

Exercice 2

Développer chacune des expressions littérales suivantes :

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

Exercice 3

Développer chacune des expressions littérales suivantes :

$$\begin{array}{l} A = (x + 6)^2 \\ B = (8x - 5)^2 \\ C = (5x + 2) \times (2x - 5) \\ D = (8x - 9) \times (8x + 9) \end{array} \quad \left| \quad \begin{array}{l} E = \left(\frac{4}{3}x + \frac{9}{8}\right)^2 \\ F = -(9x - 8)^2 \end{array}\right.$$

Exercice 4

Développer chacune des expressions littérales suivantes :

$$\begin{array}{l} A = (4x + 7) \times (4x - 7) \\ B = (3x + 6)^2 \\ C = (6x - 4) \times (4x + 6) \end{array} \quad \left| \quad \begin{array}{l} D = (3x - 7)^2 \\ E = \left(\frac{7}{6}x - \frac{7}{9}\right) \times \left(\frac{7}{6}x + \frac{7}{9}\right) \\ F = -(8x - 10)^2 \end{array}\right.$$

Exercice 5

Développer chacune des expressions littérales suivantes :

$$\begin{array}{l} A = (7x + 7)^2 \\ B = (2x - 9)^2 \\ C = (4x + 3) \times (4x - 3) \end{array} \quad \left| \quad \begin{array}{l} D = (2x - 9) \times (9x + 2) \\ E = -(10x + 6)^2 \\ F = \left(\frac{3}{5}x - \frac{1}{8}\right) \times \left(\frac{3}{5}x + \frac{1}{8}\right) \end{array}\right.$$

Exercice 6

Développer chacune des expressions littérales suivantes :

$$\begin{array}{l} A = (5x - 10)^2 \\ B = (x + 1)^2 \\ C = (8x + 5) \times (5x - 8) \end{array} \quad \left| \quad \begin{array}{l} D = (3x + 7) \times (3x - 7) \\ E = \left(5x + \frac{1}{2}\right) \times \left(5x - \frac{1}{2}\right) \\ F = -(4x + 2)^2 \end{array}\right.$$