

Exercice 1

Réduire chacune des expressions littérales suivantes :

$$\begin{array}{l} A = 6x + (-2x + 1) - 9 \\ B = 8x - (-4x + 10) - 6 \\ C = -(10x - 10) - 5 - 5x \end{array}$$

$$\begin{array}{l} D = -3 + 7x - (-5x + 6) \\ E = (-x + 3) + 5 + 4x \\ F = 3x - (-10x - 10) + 8 \end{array}$$

Exercice 2

Réduire chacune des expressions littérales suivantes :

$$\begin{array}{l} A = (-7x + 8) + 7 + 7x \\ B = -7 + (7x + 3) - 9x \\ C = 10 - (5x - 5) + 5x \end{array}$$

$$\begin{array}{l} D = -6x - (-6x + 4) - 9 \\ E = -2x - (-5x - 6) + 7 \\ F = -10 - (-8x - 4) - 8x \end{array}$$

Exercice 3

Réduire chacune des expressions littérales suivantes :

$$\begin{array}{l} A = -9 + 7x + (-7x - 2) \\ B = -6x + 9 + (-8x - 9) \\ C = 4 - (9x - 2) + 4x \end{array}$$

$$\begin{array}{l} D = -(-3x - 3) + 6 + 2x \\ E = -(8x + 6) + 8 - 10x \\ F = -(x - 4) - 4 + 4x \end{array}$$

Exercice 4

Réduire chacune des expressions littérales suivantes :

$$\begin{array}{l} A = 2x - (-4x + 10) + 4 \\ B = -9x + (-8x + 4) - 5 \\ C = 8 - 4x - (5x + 4) \end{array}$$

$$\begin{array}{l} D = -3 - (-3x + 8) - 8x \\ E = -(-4x - 7) + 3 - 7x \\ F = 10x + (-4x - 6) + 5 \end{array}$$

Exercice 5

Réduire chacune des expressions littérales suivantes :

$$\begin{array}{l} A = 7x - (-8x + 5) - 8 \\ B = (4x + 7) + 2x + 3 \\ C = -(x - 10) - 5x - 3 \end{array}$$

$$\begin{array}{l} D = -(-5x + 7) + 7x - 10 \\ E = -(8x - 4) - 9 - 3x \\ F = (-3x + 3) - 3x - 10 \end{array}$$

Exercice 6

Réduire chacune des expressions littérales suivantes :

$$\begin{array}{l} A = -(9x + 6) - 7x + 10 \\ B = 9x - (-8x + 5) - 9 \\ C = 2x - (5x - 6) - 4 \end{array}$$

$$\begin{array}{l} D = -3x - 10 + (-x + 5) \\ E = -2 - 5x + (-3x + 10) \\ F = 5 - (9x - 4) + 4x \end{array}$$