Exercice 1

Réduire chacune des expressions littérales suivantes :

\[ A = -(2x + 2) + 3x + 9 \]
\[ B = -6x - (-7x + 8) + 2 \]
\[ C = -(5x - 1) + 2 - 3x \]
\[ D = -5 - 7x + (2x + 2) \]
\[ E = -(8x + 8) - 9x - 6 \]
\[ F = (-4x - 9) + 3x + 8 \]

Exercice 2

Réduire chacune des expressions littérales suivantes :

\[ A = -(5x - 8) - 6 - 7x \]
\[ B = 9x + (6x + 1) - 10 \]
\[ C = 6x - (-10x - 4) - 8 \]
\[ D = 6x + (6x - 4) + 9 \]
\[ E = 5x - 7 - (-7x - 1) \]
\[ F = 6 - (10x - 2) - 4x \]

Exercice 3

Réduire chacune des expressions littérales suivantes :

\[ A = -10 + 7x - (4x - 6) \]
\[ B = -3x - (-6x - 9) + 9 \]
\[ C = -5 - 5x + (-6x - 10) \]
\[ D = 9x - (6x + 1) - 10 \]
\[ E = (8x + 8) + 10x + 10 \]
\[ F = 7x + 10 - (-7x + 5) \]

Exercice 4

Réduire chacune des expressions littérales suivantes :

\[ A = -(4x + 1) + 7 + 7x \]
\[ B = -6 + 2x + (x + 9) \]
\[ C = -(8x + 5) + 4 - 3x \]
\[ D = 5 - (5x + 4) + 4x \]
\[ E = 5 - 6x + (-9x - 4) \]
\[ F = -(-5x - 4) - 2x - 3 \]

Exercice 5

Réduire chacune des expressions littérales suivantes :

\[ A = -(9x - 3) + 3x \]
\[ B = -5x + 6 - (4x - 9) \]
\[ C = 2x - (9x + 2) - 10 \]
\[ D = -2 + (-5x + 8) + 6x \]
\[ E = -(-9x - 4) + 10x - 3 \]
\[ F = 6x - 8 - (-2x - 2) \]

Exercice 6

Réduire chacune des expressions littérales suivantes :

\[ A = -(4x - 1) - 2 - 9x \]
\[ B = -(-6x - 2) - 3x - 5 \]
\[ C = -4 - (x + 9) - 6x \]
\[ D = (x - 8) - 8x - 2 \]
\[ E = 6 + 4x + (-4x + 6) \]
\[ F = 9 - (-4x - 10) - 7x \]