

Exercice 1

Recopie et calcule les expressions suivantes :

$$A = 4 - 10 + 6 - 12 + 25$$

$$B = 6 - 5 - (-2) + (-4)$$

$$C = 100 - 400 - 700 - 250$$

$$D = -3 + 45 - 27 + 65$$

$$E = 5 - 5 - (-55) + (-55)$$

Exercice 2

Recopie et calcule les expressions suivantes :

$$A = 5 + 6 - 7 - 7 + 3$$

$$B = -6 - 6 + 1 - 4$$

$$C = 2 - (-13) - 21 - 34$$

$$D = 2 - 7 - (-3) + (-1)$$

$$E = -37 + 3 - 37 - 73$$

Exercice 3

Que valent les expressions suivantes pour

$$a = -3 \quad b = 2 \quad c = -4 \quad d = -1,5$$

$$A = a + b - c + d$$

$$B = a - b + c - d$$

$$C = a - (b - c) + d$$

$$D = -a - b - c + d$$

$$E = a - (b + c) - d$$

Exercice 4

Que valent les expressions suivantes pour

$$a = 5 \quad b = -2,5 \quad c = 3 \quad d = -4$$

$$A = a + b - c + d$$

$$B = a - b + c - d$$

$$C = a - (b - c) + d$$

$$D = -a - b - c + d$$

$$E = a - (b + c) - d$$

N4-F01e
Correction

Exercice 1

$$A = 4 - 10 + 6 - 12 + 25$$

$$A = 4 + 6 + 25 - 10 - 12$$

$$A = 35 - 22$$

$$A = 13$$

$$B = 6 - 5 - (-2) + (-4)$$

$$B = 6 - 5 + 2 - 4$$

$$B = 6 + 2 - 5 - 4$$

$$B = 8 - 9$$

$$B = -1$$

$$C = 100 - 400 - 700 - 250$$

$$C = 100 - 1350$$

$$C = -1250$$

$$D = -3 + 45 - 27 + 65$$

$$D = 45 + 65 - 3 - 27$$

$$D = 110 - 30$$

$$D = 80$$

$$E = 5 - 5 - (-55) + (-55)$$

$$E = 5 - 5 + 55 - 55$$

$$E = 0$$

N4-F01e
Correction

Exercice 2

$$A = 5 + 6 - 7 - 7 + 3$$

$$A = 5 + 6 + 3 - 7 - 7$$

$$A = 14 - 14$$

$$A = 0$$

$$B = -6 - 6 + 1 - 4$$

$$B = 1 - 6 - 6 - 4$$

$$B = 1 - 16$$

$$B = -15$$

$$C = 2 - (-13) - 21 - 34$$

$$C = 2 + 13 - 21 - 34$$

$$C = 15 - 55$$

$$C = -40$$

$$D = 2 - 7 - (-3) + (-1)$$

$$D = 2 - 7 + 3 - 1$$

$$D = 2 + 3 - 7 - 1$$

$$D = 5 - 8$$

$$D = -3$$

$$E = -37 + 3 - 37 - 73$$

$$E = 3 - 37 - 110$$

$$E = 3 - 147$$

$$E = -144$$

N4-F01e
Correction

Exercice 3

$$A = a + b - c + d$$

$$A = -3 + 2 - (-4) + (-1,5)$$

$$A = -3 + 2 + 4 - 1,5$$

$$A = 2 + 4 - 3 - 1,5$$

$$A = 6 - 4,5$$

$$A = 1,5$$

$$D = -a - b - c + d$$

$$D = 3 - 2 + 4 - 1,5$$

$$D = 3 + 4 - 2 - 1,5$$

$$D = 7 - 3,5$$

$$D = 3,5$$

$$B = a - b + c - d$$

$$B = -3 - 2 + (-4) - (-1,5)$$

$$B = -3 - 2 - 4 + 1,5$$

$$B = 1,5 - 3 - 2 - 4$$

$$B = 1,5 - 9$$

$$B = -7,5$$

$$E = a - (b + c) - d$$

$$E = -3 - (2 - 4) + 1,5$$

$$E = -3 - (-2) + 1,5$$

$$E = -3 + 2 + 1,5$$

$$E = 2 + 1,5 - 3$$

$$E = 3,5 - 3$$

$$E = 0,5$$

$$C = a - (b - c) + d$$

$$C = -3 - (2 + 4) - 1,5$$

$$C = -3 - 6 - 1,5$$

$$C = -10,5$$

N4-F01e
Correction

Exercice 4

$$A = a + b - c + d$$

$$A = 5 - 2,5 - 3 + (-4)$$

$$A = 5 - 2,5 - 3 - 4$$

$$A = 5 - 9,5$$

$$A = -4,5$$

$$D = -a - b - c + d$$

$$D = -5 + 2,5 - 3 - 4$$

$$D = 2,5 - 5 - 3 - 4$$

$$D = 2,5 - 12$$

$$D = -9,5$$

$$B = a - b + c - d$$

$$B = 5 + 2,5 + 3 - (-4)$$

$$B = 5 + 2,5 + 3 + 4$$

$$B = 14,5$$

$$E = a - (b + c) - d$$

$$E = 5 - (-2,5 + 3) + 4$$

$$E = 5 - 0,5 + 4$$

$$E = 5 + 4 - 0,5$$

$$E = 9 - 0,5$$

$$E = 8,5$$

$$C = a - (b - c) + d$$

$$C = 5 - (-2,5 - 3) - 4$$

$$C = 5 - (-5,5) - 4$$

$$C = 5 + 5,5 - 4$$

$$C = 10,5 - 4$$

$$C = 6,5$$