

**Corrigé de l'exercice 1**

Calculer les expressions suivantes en détaillant les calculs.

$$A = 2 \times (8 + 5)$$

$$A = 2 \times 13$$

$$A = 26$$

$$B = 6 + 4 - 7$$

$$B = 10 - 7$$

$$B = 3$$

$$C = 7 \times 12 - 6$$

$$C = 84 - 6$$

$$C = 78$$

$$D = 9 + 12 \times 13 + 5 \div 5 - 6$$

$$D = 9 + 156 + 5 \div 5 - 6$$

$$D = 9 + 156 + 1 - 6$$

$$D = 165 + 1 - 6$$

$$D = 166 - 6$$

$$D = 160$$

$$E = 3 + 7 + 9 \times 13 \div 13 - 2$$

$$E = 3 + 7 + 117 \div 13 - 2$$

$$E = 3 + 7 + 9 - 2$$

$$E = 10 + 9 - 2$$

$$E = 19 - 2$$

$$E = 17$$

$$F = 4 + 13 + 8 \times 10 \div 5 - 13$$

$$F = 4 + 13 + 80 \div 5 - 13$$

$$F = 4 + 13 + 16 - 13$$

$$F = 17 + 16 - 13$$

$$F = 33 - 13$$

$$F = 20$$

$$G = 2 + 5 + 11 - 2 \div 2 \times 9$$

$$G = 2 + 5 + 11 - 1 \times 9$$

$$G = 2 + 5 + 11 - 9$$

$$G = 7 + 11 - 9$$

$$G = 18 - 9$$

$$G = 9$$

$$H = 1,9 \times (1,7 + 9,7) - 6,8 + 1,5$$

$$H = 1,9 \times 11,399999999999999 - 6,8 + 1,5$$

$$H = 21,659999999999997 - 6,8 + 1,5$$

$$H = 14,859999999999996 + 1,5$$

$$H = 16,359999999999996$$

$$I = 3,7 + 3 - 3,8 + 1,9 \times 8$$

$$I = 3,7 + 3 - 3,8 + 15,2$$

$$I = 6,7 - 3,8 + 15,2$$

$$I = 2,9000000000000004 + 15,2$$

$$I = 18,1$$

**Corrigé de l'exercice 2**

Calculer les expressions suivantes en détaillant les calculs.

$$A = 9 + 8 - 6$$

$$A = 17 - 6$$

$$A = 11$$

$$B = 9 \times 8 + 4$$

$$B = 72 + 4$$

$$B = 76$$

$$C = 6 \times (5 - 4)$$

$$C = 6 \times 1$$

$$C = 6$$

$$D = 7 + 3 - 3 + 6 \times 3 \div 9$$

$$D = 7 + 3 - 3 + 18 \div 9$$

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

$$D = 10 - 3 + 2$$

$$D = 7 + 2$$

$$D = 9$$

$$E = 5 + 6 - 5 \times 2 \div 5 + 4$$

$$E = 5 + 6 - 10 \div 5 + 4$$

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

$$E = 11 - 2 + 4$$

$$E = 9 + 4$$

$$E = 13$$

$$F = 9 \times 11 + 2 \div 2 - (3 + 12)$$

$$F = 9 \times 11 + 2 \div 2 - 15$$

$$F = 99 + 2 \div 2 - 15$$

$$F = 99 + 1 - 15$$

$$F = 100 - 15$$

$$F = 85$$

$$G = 13 + 8 \times 8 - (11 + 10) \div 7$$

$$G = 13 + 8 \times 8 - 21 \div 7$$

$$G = 13 + 64 - 21 \div 7$$

$$G = 13 + 64 - 3$$

$$G = 77 - 3$$

$$G = 74$$

$$H = 7,7 \div 7 + 3,5 + 3,2 - 2,3$$

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

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

$$H = 7,7 - 2,3$$

$$H = 5,4$$

$$I = 1,5 + 3,7 - 2,3 + 8,8 \times 7,4$$

$$I = 1,5 + 3,7 - 2,3 + 65,12$$

$$I = 5,2 - 2,3 + 65,12$$

$$I = 2,9000000000000004 + 65,12$$

$$I = 68,02000000000001$$

**Corrigé de l'exercice 3**

Calculer les expressions suivantes en détaillant les calculs.

$$A = 9 + 10 - 3$$

$$A = 19 - 3$$

$$A = 16$$

$$B = 13 + 4 - 7$$

$$B = 17 - 7$$

$$B = 10$$

$$C = 11 \times (12 - 3)$$

$$C = 11 \times 9$$

$$C = 99$$

$$D = 2 \div 2 + 10 \times 8 - 2 + 9$$

$$D = 1 + 10 \times 8 - 2 + 9$$

$$D = 1 + 80 - 2 + 9$$

$$D = 81 - 2 + 9$$

$$D = 79 + 9$$

$$D = 88$$

$$E = 8 \times 11 \div (5 + 3) + 4 - 12$$

$$E = 8 \times 11 \div 8 + 4 - 12$$

$$E = 88 \div 8 + 4 - 12$$

$$E = 11 + 4 - 12$$

$$E = 15 - 12$$

$$E = 3$$

$$F = 10 + 13 + 3 \times 4 \div (8 - 4)$$

$$F = 10 + 13 + 3 \times 4 \div 4$$

$$F = 10 + 13 + 12 \div 4$$

$$F = 10 + 13 + 3$$

$$F = 23 + 3$$

$$F = 26$$

$$G = 6 + 8 \times 11 + 6 \div (9 - 7)$$

$$G = 6 + 8 \times 11 + 6 \div 2$$

$$G = 6 + 88 + 6 \div 2$$

$$G = 6 + 88 + 3$$

$$G = 94 + 3$$

$$G = 97$$

$$H = 6,3 + 2,8 + 9 \times 2,5 - 9,7$$

$$H = 6,3 + 2,8 + 22,5 - 9,7$$

$$H = 9,1 + 22,5 - 9,7$$

$$H = 31,6 - 9,7$$

$$H = 21,900000000000002$$

$$I = 4 \div 2 \times (3,8 + 4,3) - 3$$

$$I = 4 \div 2 \times 8,1 - 3$$

$$I = 2 \times 8,1 - 3$$

$$I = 16,2 - 3$$

$$I = 13,2$$

### Corrigé de l'exercice 4

Calculer les expressions suivantes en détaillant les calculs.

$$A = 9 \times (11 + 11)$$

$$A = 9 \times 22$$

$$A = 198$$

$$B = 9 \times (8 - 7)$$

$$B = 9 \times 1$$

$$B = 9$$

$$C = 10 + 5 - 9$$

$$C = 15 - 9$$

$$C = 6$$

$$D = 2 + 12 - (3 + 5) \times 2 \div 2$$

$$D = 2 + 12 - 8 \times 2 \div 2$$

$$D = 2 + 12 - 16 \div 2$$

$$D = 2 + 12 - 8$$

$$D = 14 - 8$$

$$D = 6$$

$$E = 4 + 11 - 3 \times (11 + 11) \div 11$$

$$E = 4 + 11 - 3 \times 22 \div 11$$

$$E = 4 + 11 - 66 \div 11$$

$$E = 4 + 11 - 6$$

$$E = 15 - 6$$

$$E = 9$$

$$F = 10 \times 7 + 8 \div 2 + 5 - 8$$

$$F = 70 + 8 \div 2 + 5 - 8$$

$$F = 70 + 4 + 5 - 8$$

$$F = 74 + 5 - 8$$

$$F = 79 - 8$$

$$F = 71$$

$$G = 5 \times 10 \div 10 + 9 - 12 + 11$$

$$G = 50 \div 10 + 9 - 12 + 11$$

$$G = 5 + 9 - 12 + 11$$

$$G = 14 - 12 + 11$$

$$G = 2 + 11$$

$$G = 13$$

$$H = 2,9 - 2,2 + 5,2 \times (8,1 + 4,2)$$

$$H = 2,9 - 2,2 + 5,2 \times 12,3$$

$$H = 2,9 - 2,2 + 63,960000000000001$$

$$H = 0,6999999999999997 + 63,9600000000$$

$$H = 64,660000000000001$$

$$I = 4,8 \times (2,2 + 7,9) - (7,7 + 3,6)$$

$$I = 4,8 \times 10,100000000000001 - (7,7 + 3,6)$$

$$I = 4,8 \times 10,100000000000001 - 11,3$$

$$I = 48,480000000000004 - 11,3$$

$$I = 37,180000000000001$$

### Corrigé de l'exercice 5

Calculer les expressions suivantes en détaillant les calculs.

$$A = 9 - (3 + 5)$$

$$A = 9 - 8$$

$$A = 1$$

$$B = 12 - (4 + 3)$$

$$B = 12 - 7$$

$$B = 5$$

$$C = 3 - 6 \div 3$$

$$C = 3 - 2$$

$$C = 1$$

$$D = 2 \times (11 + 6) - (12 + 8) \div 4$$

$$D = 2 \times 17 - (12 + 8) \div 4$$

$$D = 2 \times 17 - 20 \div 4$$

$$D = 34 - 20 \div 4$$

$$D = 34 - 5$$

$$D = 29$$

$$E = 9 + 4 + 9 \times 9 \div (5 - 4)$$

$$E = 9 + 4 + 9 \times 9 \div 1$$

$$E = 9 + 4 + 81 \div 1$$

$$E = 9 + 4 + 81$$

$$E = 13 + 81$$

$$E = 94$$

$$F = 13 + 10 \times 8 \div 2 - (5 + 9)$$

$$F = 13 + 10 \times 8 \div 2 - 14$$

$$F = 13 + 80 \div 2 - 14$$

$$F = 13 + 40 - 14$$

$$F = 53 - 14$$

$$F = 39$$

$$G = 13 \div 13 + 5 \times 8 - (10 + 12)$$

$$G = 13 \div 13 + 5 \times 8 - 22$$

$$G = 1 + 5 \times 8 - 22$$

$$G = 1 + 40 - 22$$

$$G = 41 - 22$$

$$G = 19$$

$$H = 9,1 - 2,1 + 5 + 8 \times 8,1$$

$$H = 9,1 - 2,1 + 5 + 64,8$$

$$H = 7 + 5 + 64,8$$

$$H = 12 + 64,8$$

$$H = 76,8$$

$$I = 3,1 - 2 + 2,4 \times (5,1 + 7,3)$$

$$I = 3,1 - 2 + 2,4 \times 12,399999999999999$$

$$I = 3,1 - 2 + 29,759999999999994$$

$$I = 1,1 + 29,759999999999994$$

$$I = 30,859999999999996$$

### Corrigé de l'exercice 6

Calculer les expressions suivantes en détaillant les calculs.

$$A = 2 + 6 \div 6$$

$$A = 2 + 1$$

$$A = 3$$

$$B = 6 + 4 - 3$$

$$B = 10 - 3$$

$$B = 7$$

$$C = 11 \times (6 + 4)$$

$$C = 11 \times 10$$

$$C = 110$$

$$D = 3 + 8 \times (5 + 4) \div 3 - 5$$

$$D = 3 + 8 \times 9 \div 3 - 5$$

$$D = 3 + 72 \div 3 - 5$$

$$D = 3 + 24 - 5$$

$$D = 27 - 5$$

$$D = 22$$

$$E = 10 + 8 \div 4 + 3 \times 8 - 7$$

$$E = 10 + 2 + 3 \times 8 - 7$$

$$E = 10 + 2 + 24 - 7$$

$$E = 12 + 24 - 7$$

$$E = 36 - 7$$

$$E = 29$$

$$F = 5 + 7 - 9 \div 3 + 10 \times 12$$

$$F = 5 + 7 - 3 + 10 \times 12$$

$$F = 5 + 7 - 3 + 120$$

$$F = 12 - 3 + 120$$

$$F = 9 + 120$$

$$F = 129$$

$$G = 12 \div 3 + 2 \times 5 + 2 - 3$$

$$G = 4 + 2 \times 5 + 2 - 3$$

$$G = 4 + 10 + 2 - 3$$

$$G = 14 + 2 - 3$$

$$G = 16 - 3$$

$$G = 13$$

$$H = 3 + 1,9 \times 8,4 - (6,3 + 2,6)$$

$$H = 3 + 1,9 \times 8,4 - 8,9$$

$$H = 3 + 15,959999999999999 - 8,9$$

$$H = 18,96 - 8,9$$

$$H = 10,06$$

$$I = 8,8 - 7,1 + 7 + 7,6 \times 9,3$$

$$I = 8,8 - 7,1 + 7 + 70,68$$

$$I = 1,7000000000000001 + 7 + 70,68$$

$$I = 8,7000000000000001 + 70,68$$

$$I = 79,380000000000001$$