

Corrigé de l'exercice 1

Calculer les expressions suivantes en détaillant les calculs.

$$A = 4 + 13 \times 3$$

$$A = 4 + 39$$

$$A = 43$$

$$B = 4 \times (9 + 3)$$

$$B = 4 \times 12$$

$$B = 48$$

$$C = 13 + 2 - 7$$

$$C = 15 - 7$$

$$C = 8$$

$$D = 10 - 4 + 6 \times (5 + 6) \div 6$$

$$D = 10 - 4 + 6 \times 11 \div 6$$

$$D = 10 - 4 + 66 \div 6$$

$$D = 10 - 4 + 11$$

$$D = 6 + 11$$

$$D = 17$$

$$E = 9 - 2 + 8 + 7 \times 5 \div 5$$

$$E = 9 - 2 + 8 + 35 \div 5$$

$$E = 9 - 2 + 8 + 7$$

$$E = 7 + 8 + 7$$

$$E = 15 + 7$$

$$E = 22$$

$$F = 10 + 10 \div 5 \times 7 - 6 + 4$$

$$F = 10 + 2 \times 7 - 6 + 4$$

$$F = 10 + 14 - 6 + 4$$

$$F = 24 - 6 + 4$$

$$F = 18 + 4$$

$$F = 22$$

$$G = 12 \div 3 \times 11 + 7 + 11 - 12$$

$$G = 4 \times 11 + 7 + 11 - 12$$

$$G = 44 + 7 + 11 - 12$$

$$G = 51 + 11 - 12$$

$$G = 62 - 12$$

$$G = 50$$

$$H = 4,5 \times 7,4 - 6,4 + 2,1 + 4,8$$

$$H = 33,300000000000004 - 6,4 + 2,1 + 4,8$$

$$H = 26,900000000000006 + 2,1 + 4,8$$

$$H = 29,000000000000007 + 4,8$$

$$H = 33,800000000000004$$

$$I = 1,9 + 2,6 \times (3,9 + 7,4) - 2,3$$

$$I = 1,9 + 2,6 \times 11,3 - 2,3$$

$$I = 1,9 + 29,380000000000003 - 2,3$$

$$I = 31,28 - 2,3$$

$$I = 28,98$$

Corrigé de l'exercice 2

Calculer les expressions suivantes en détaillant les calculs.

$$A = 3 \times (5 + 13)$$

$$A = 3 \times 18$$

$$A = 54$$

$$B = 13 + 9 - 4$$

$$B = 22 - 4$$

$$B = 18$$

$$C = 13 \times 2 - 6$$

$$C = 26 - 6$$

$$C = 20$$

$$D = 6 \div 6 + 3 \times 8 - (3 + 9)$$

$$D = 6 \div 6 + 3 \times 8 - 12$$

$$D = 1 + 3 \times 8 - 12$$

$$D = 1 + 24 - 12$$

$$D = 25 - 12$$

$$D = 13$$

$$E = 10 \times 3 \div 5 + 5 + 9 - 9$$

$$E = 30 \div 5 + 5 + 9 - 9$$

$$E = 6 + 5 + 9 - 9$$

$$E = 11 + 9 - 9$$

$$E = 20 - 9$$

$$E = 11$$

$$F = 11 + 3 \times (2 + 6) \div (13 - 5)$$

$$F = 11 + 3 \times 8 \div (13 - 5)$$

$$F = 11 + 3 \times 8 \div 8$$

$$F = 11 + 24 \div 8$$

$$F = 11 + 3$$

$$F = 14$$

$$G = 9 + 7 \div 7 \times (5 + 8) - 5$$

$$G = 9 + 7 \div 7 \times 13 - 5$$

$$G = 9 + 1 \times 13 - 5$$

$$G = 9 + 13 - 5$$

$$G = 22 - 5$$

$$G = 17$$

$$H = 1,7 \times 6,3 + 3,5 + 4,1 - 4,3$$

$$H = 10,709999999999999 + 3,5 + 4,1 - 4,3$$

$$H = 14,209999999999999 + 4,1 - 4,3$$

$$H = 18,31 - 4,3$$

$$H = 14,009999999999998$$

$$I = 6,5 \times 7 + 3,5 - (9,4 + 4,1)$$

$$I = 6,5 \times 7 + 3,5 - 13,5$$

$$I = 45,5 + 3,5 - 13,5$$

$$I = 49 - 13,5$$

$$I = 35,5$$

Corrigé de l'exercice 3

Calculer les expressions suivantes en détaillant les calculs.

$$A = 3 + 13 \times 10$$

$$A = 3 + 130$$

$$A = 133$$

$$B = 4 \times (8 + 7)$$

$$B = 4 \times 15$$

$$B = 60$$

$$C = 6 \times 13 + 12$$

$$C = 78 + 12$$

$$C = 90$$

$$D = 13 + 5 + 6 - 12 \div 6 \times 4$$

$$D = 13 + 5 + 6 - 2 \times 4$$

$$D = 13 + 5 + 6 - 8$$

$$D = 18 + 6 - 8$$

$$D = 24 - 8$$

$$D = 16$$

$$E = 2 + 2 \times 8 - 4 + 2 \div 2$$

$$E = 2 + 16 - 4 + 2 \div 2$$

$$E = 2 + 16 - 4 + 1$$

$$E = 18 - 4 + 1$$

$$E = 14 + 1$$

$$E = 15$$

$$F = 3 \times 8 + 3 - 4 + 12 \div 3$$

$$F = 24 + 3 - 4 + 12 \div 3$$

$$F = 24 + 3 - 4 + 4$$

$$F = 27 - 4 + 4$$

$$F = 23 + 4$$

$$F = 27$$

$$G = 11 - 9 + 11 \div (4 + 7) \times 7$$

$$G = 11 - 9 + 11 \div 11 \times 7$$

$$G = 11 - 9 + 1 \times 7$$

$$G = 11 - 9 + 7$$

$$G = 2 + 7$$

$$G = 9$$

$$H = 1,4 + 6,1 - 5,1 + 9,6 \times 3,7$$

$$H = 1,4 + 6,1 - 5,1 + 35,52$$

$$H = 7,5 - 5,1 + 35,52$$

$$H = 2,4000000000000004 + 35,52$$

$$H = 37,92$$

$$I = 4 \times 3,9 - (1,9 + 4,1) + 4,9$$

$$I = 4 \times 3,9 - 6 + 4,9$$

$$I = 15,6 - 6 + 4,9$$

$$I = 9,6 + 4,9$$

$$I = 14,5$$

Corrigé de l'exercice 4

Calculer les expressions suivantes en détaillant les calculs.

$$A = 10 + 11 - 5$$

$$A = 21 - 5$$

$$A = 16$$

$$B = 3 + 5 \times 5$$

$$B = 3 + 25$$

$$B = 28$$

$$C = 12 \div 2 \times 4$$

$$C = 6 \times 4$$

$$C = 24$$

$$D = 7 \times 6 + 10 \div 2 + 11 - 12$$

$$D = 42 + 10 \div 2 + 11 - 12$$

$$D = 42 + 5 + 11 - 12$$

$$D = 47 + 11 - 12$$

$$D = 58 - 12$$

$$D = 46$$

$$E = 12 \div 2 \times 9 + 10 + 2 - 8$$

$$E = 6 \times 9 + 10 + 2 - 8$$

$$E = 54 + 10 + 2 - 8$$

$$E = 64 + 2 - 8$$

$$E = 66 - 8$$

$$E = 58$$

$$F = 8 + 5 \times (12 + 6) \div 3 - 11$$

$$F = 8 + 5 \times 18 \div 3 - 11$$

$$F = 8 + 90 \div 3 - 11$$

$$F = 8 + 30 - 11$$

$$F = 38 - 11$$

$$F = 27$$

$$G = 8 + 3 \times (12 - 7) \div 3 + 12$$

$$G = 8 + 3 \times 5 \div 3 + 12$$

$$G = 8 + 15 \div 3 + 12$$

$$G = 8 + 5 + 12$$

$$G = 13 + 12$$

$$G = 25$$

$$H = 8,5 + 7,7 \times (5,1 + 2,7) - 2$$

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

$$H = 8,5 + 60,06 - 2$$

$$H = 68,56 - 2$$

$$H = 66,56$$

$$I = 9,6 + 3,7 + 9,2 \times (8,8 - 2,5)$$

$$I = 9,6 + 3,7 + 9,2 \times 6,3000000000000001$$

$$I = 9,6 + 3,7 + 57,96$$

$$I = 13,3 + 57,96$$

$$I = 71,26$$

Corrigé de l'exercice 5

Calculer les expressions suivantes en détaillant les calculs.

$$A = 10 \div (9 - 8)$$

$$A = 10 \div 1$$

$$A = 10$$

$$B = 5 \times 12 - 12$$

$$B = 60 - 12$$

$$B = 48$$

$$C = 9 + 12 - 10$$

$$C = 21 - 10$$

$$C = 11$$

$$D = 7 + 11 \times 10 - 12 \div 2 + 12$$

$$D = 7 + 110 - 12 \div 2 + 12$$

$$D = 7 + 110 - 6 + 12$$

$$D = 117 - 6 + 12$$

$$D = 111 + 12$$

$$D = 123$$

$$E = 4 + 11 - 10 \div 5 + 6 \times 2$$

$$E = 4 + 11 - 2 + 6 \times 2$$

$$E = 4 + 11 - 2 + 12$$

$$E = 15 - 2 + 12$$

$$E = 13 + 12$$

$$E = 25$$

$$F = 8 \div 4 + 5 \times 10 - (4 + 12)$$

$$F = 8 \div 4 + 5 \times 10 - 16$$

$$F = 2 + 5 \times 10 - 16$$

$$F = 2 + 50 - 16$$

$$F = 52 - 16$$

$$F = 36$$

$$G = 8 \times 3 \div 3 + 3 + 8 - 3$$

$$G = 24 \div 3 + 3 + 8 - 3$$

$$G = 8 + 3 + 8 - 3$$

$$G = 11 + 8 - 3$$

$$G = 19 - 3$$

$$G = 16$$

$$H = 7,8 \times 9,6 + 6,7 + 2,4 - 5,2$$

$$H = 74,88 + 6,7 + 2,4 - 5,2$$

$$H = 81,58 + 2,4 - 5,2$$

$$H = 83,98 - 5,2$$

$$H = 78,78$$

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

$$I = 4,3 \times 2,9 - 11,4 + 2,2$$

$$I = 12,469999999999999 - 11,4 + 2,2$$

$$I = 1,0699999999999985 + 2,2$$

$$I = 3,269999999999987$$

Corrigé de l'exercice 6

Calculer les expressions suivantes en détaillant les calculs.

$$A = 6 - 2 + 13$$

$$A = 4 + 13$$

$$A = 17$$

$$B = 7 + 5 - 8$$

$$B = 12 - 8$$

$$B = 4$$

$$C = 3 + 4 - 3$$

$$C = 7 - 3$$

$$C = 4$$

$$D = 4 + 4 \times 6 + 3 \div (11 - 8)$$

$$D = 4 + 4 \times 6 + 3 \div 3$$

$$D = 4 + 24 + 3 \div 3$$

$$D = 4 + 24 + 1$$

$$D = 28 + 1$$

$$D = 29$$

$$E = 6 + 2 \times (13 + 11) \div (4 - 2)$$

$$E = 6 + 2 \times 24 \div (4 - 2)$$

$$E = 6 + 2 \times 24 \div 2$$

$$E = 6 + 48 \div 2$$

$$E = 6 + 24$$

$$E = 30$$

$$F = 6 \times 3 \div 6 + 5 + 9 - 3$$

$$F = 18 \div 6 + 5 + 9 - 3$$

$$F = 3 + 5 + 9 - 3$$

$$F = 8 + 9 - 3$$

$$F = 17 - 3$$

$$F = 14$$

$$G = 6 \times 12 \div 2 + 12 - (4 + 6)$$

$$G = 6 \times 12 \div 2 + 12 - 10$$

$$G = 72 \div 2 + 12 - 10$$

$$G = 36 + 12 - 10$$

$$G = 48 - 10$$

$$G = 38$$

$$H = 8,1 \times (5,4 + 8,4) - 9,1 + 6,6$$

$$H = 8,1 \times 13,8 - 9,1 + 6,6$$

$$H = 111,78 - 9,1 + 6,6$$

$$H = 102,68 + 6,6$$

$$H = 109,28$$

$$I = 6,9 + 6 \div 2 + 8,2 \times 6,8$$

$$I = 6,9 + 3 + 8,2 \times 6,8$$

$$I = 6,9 + 3 + 55,759999999999999$$

$$I = 9,9 + 55,759999999999999$$

$$I = 65,66$$