

Corrigé de l'exercice 1

Calculer les expressions suivantes en détaillant les calculs.

$$A = 8 \times 12 \div 4$$

$$A = 96 \div 4$$

$$A = 24$$

$$B = 13 + 7 \times 12$$

$$B = 13 + 84$$

$$B = 97$$

$$C = 10 - 6 + 5$$

$$C = 4 + 5$$

$$C = 9$$

$$D = 11 + 13 \times 9 \div 13 + 7 - 12$$

$$D = 11 + 117 \div 13 + 7 - 12$$

$$D = 11 + 9 + 7 - 12$$

$$D = 20 + 7 - 12$$

$$D = 27 - 12$$

$$D = 15$$

$$E = 3 + 3 \times 9 - (3 + 9) \div 3$$

$$E = 3 + 3 \times 9 - 12 \div 3$$

$$E = 3 + 27 - 12 \div 3$$

$$E = 3 + 27 - 4$$

$$E = 30 - 4$$

$$E = 26$$

$$F = 5 - 2 + 4 \div 4 \times (11 + 7)$$

$$F = 5 - 2 + 4 \div 4 \times 18$$

$$F = 5 - 2 + 1 \times 18$$

$$F = 5 - 2 + 18$$

$$F = 3 + 18$$

$$F = 21$$

$$G = 6 - 9 \div 3 + 2 \times (12 + 3)$$

$$G = 6 - 9 \div 3 + 2 \times 15$$

$$G = 6 - 3 + 2 \times 15$$

$$G = 6 - 3 + 30$$

$$G = 3 + 30$$

$$G = 33$$

$$H = 9,3 + 8,8 - 7,4 + 4,9 \times 3,5$$

$$H = 9,3 + 8,8 - 7,4 + 17,1500000000000002$$

$$H = 18,1 - 7,4 + 17,1500000000000002$$

$$H = 10,7000000000000001 + 17,1500000000$$

$$H = 27,85$$

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

$$I = 10,9200000000000002 + 5,8 - 8 + 7,4$$

$$I = 16,7200000000000002 - 8 + 7,4$$

$$I = 8,7200000000000002 + 7,4$$

$$I = 16,1200000000000005$$

Corrigé de l'exercice 2

Calculer les expressions suivantes en détaillant les calculs.

$$A = 9 \div (5 + 4)$$

$$A = 9 \div 9$$

$$A = 1$$

$$B = 11 \times (13 + 7)$$

$$B = 11 \times 20$$

$$B = 220$$

$$C = 2 + 10 \times 3$$

$$C = 2 + 30$$

$$C = 32$$

$$D = 3 \div (7 - 6) + 10 \times 11 + 11$$

$$D = 3 \div 1 + 10 \times 11 + 11$$

$$D = 3 + 10 \times 11 + 11$$

$$D = 3 + 110 + 11$$

$$D = 113 + 11$$

$$D = 124$$

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

$$E = 5 + 2 \div 2 \times 10 - 5$$

$$E = 5 + 1 \times 10 - 5$$

$$E = 5 + 10 - 5$$

$$E = 15 - 5$$

$$E = 10$$

$$F = 8 + 10 + 11 \times 13 \div (13 - 2)$$

$$F = 8 + 10 + 11 \times 13 \div 11$$

$$F = 8 + 10 + 143 \div 11$$

$$F = 8 + 10 + 13$$

$$F = 18 + 13$$

$$F = 31$$

$$G = 11 - 10 \div 2 + 10 \times 12 + 11$$

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

$$G = 11 - 5 + 120 + 11$$

$$G = 6 + 120 + 11$$

$$G = 126 + 11$$

$$G = 137$$

$$H = 9,5 + 6,4 \times (5,9 + 5,4) - 6,7$$

$$H = 9,5 + 6,4 \times 11,3 - 6,7$$

$$H = 9,5 + 72,3200000000000001 - 6,7$$

$$H = 81,8200000000000001 - 6,7$$

$$H = 75,12$$

$$I = 8 + 3,9 \times (2 + 2,5) - 1,4$$

$$I = 8 + 3,9 \times 4,5 - 1,4$$

$$I = 8 + 17,55 - 1,4$$

$$I = 25,55 - 1,4$$

$$I = 24,1500000000000002$$

Corrigé de l'exercice 3

Calculer les expressions suivantes en détaillant les calculs.

$$A = 4 + 6 - 2$$

$$A = 10 - 2$$

$$\boxed{A = 8}$$

$$B = 12 \times (4 + 9)$$

$$B = 12 \times 13$$

$$\boxed{B = 156}$$

$$C = 7 + 7 \times 9$$

$$C = 7 + 63$$

$$\boxed{C = 70}$$

$$D = 5 \times (12 - 3) + 11 + 6 \div 2$$

$$D = 5 \times 9 + 11 + 6 \div 2$$

$$D = 45 + 11 + 6 \div 2$$

$$D = 45 + 11 + 3$$

$$D = 56 + 3$$

$$\boxed{D = 59}$$

$$E = 8 + 4 + 10 \div 10 \times 3 - 5$$

$$E = 8 + 4 + 1 \times 3 - 5$$

$$E = 8 + 4 + 3 - 5$$

$$E = 12 + 3 - 5$$

$$E = 15 - 5$$

$$\boxed{E = 10}$$

$$F = 3 \times 13 \div 3 + 2 - 10 + 7$$

$$F = 39 \div 3 + 2 - 10 + 7$$

$$F = 13 + 2 - 10 + 7$$

$$F = 15 - 10 + 7$$

$$F = 5 + 7$$

$$\boxed{F = 12}$$

$$G = 9 \div 3 \times 9 + 7 - (12 + 3)$$

$$G = 9 \div 3 \times 9 + 7 - 15$$

$$G = 3 \times 9 + 7 - 15$$

$$G = 27 + 7 - 15$$

$$G = 34 - 15$$

$$\boxed{G = 19}$$

$$H = 6 - 8,6 \div 8,6 \times 4,3 + 8,7$$

$$H = 6 - 1 \times 4,3 + 8,7$$

$$H = 6 - 4,3 + 8,7$$

$$H = 1,7000000000000002 + 8,7$$

$$\boxed{H = 10,399999999999999}$$

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

$$I = 7 \times 5,1 + 3 - 15,9$$

$$I = 35,699999999999996 + 3 - 15,9$$

$$I = 38,699999999999996 - 15,9$$

$$\boxed{I = 22,799999999999997}$$

Corrigé de l'exercice 4

Calculer les expressions suivantes en détaillant les calculs.

$$A = 13 \times (6 + 3)$$

$$A = 13 \times 9$$

$$\boxed{A = 117}$$

$$B = 9 + 12 \times 9$$

$$B = 9 + 108$$

$$\boxed{B = 117}$$

$$C = 10 \times (4 + 9)$$

$$C = 10 \times 13$$

$$\boxed{C = 130}$$

$$D = 12 \div (8 - 4) + 4 + 13 \times 9$$

$$D = 12 \div 4 + 4 + 13 \times 9$$

$$D = 3 + 4 + 13 \times 9$$

$$D = 3 + 4 + 117$$

$$D = 7 + 117$$

$$\boxed{D = 124}$$

$$E = 9 \times (11 - 2) + 2 \div 2 + 6$$

$$E = 9 \times 9 + 2 \div 2 + 6$$

$$E = 81 + 2 \div 2 + 6$$

$$E = 81 + 1 + 6$$

$$E = 82 + 6$$

$$\boxed{E = 88}$$

$$F = 3 + 12 \div 6 \times 5 + 6 - 10$$

$$F = 3 + 2 \times 5 + 6 - 10$$

$$F = 3 + 10 + 6 - 10$$

$$F = 13 + 6 - 10$$

$$F = 19 - 10$$

$$\boxed{F = 9}$$

$$G = 9 \div (11 - 2) + 7 + 7 \times 11$$

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

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

$$G = 1 + 7 + 77$$

$$G = 8 + 77$$

$$\boxed{G = 85}$$

$$H = 3,4 \times 7,7 + 3 + 2,8 - 6,4$$

$$H = 26,18 + 3 + 2,8 - 6,4$$

$$H = 29,18 + 2,8 - 6,4$$

$$H = 31,98 - 6,4$$

$$\boxed{H = 25,58}$$

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

$$I = 2,5 \times 14,4 - (3,3 + 6,7)$$

$$I = 2,5 \times 14,4 - 10$$

$$I = 36 - 10$$

$$\boxed{I = 26}$$

Corrigé de l'exercice 5

Calculer les expressions suivantes en détaillant les calculs.

$$A = 13 + 9 \times 6$$

$$A = 13 + 54$$

$$A = 67$$

$$B = 7 \times 7 + 3$$

$$B = 49 + 3$$

$$B = 52$$

$$C = 11 \times (3 + 11)$$

$$C = 11 \times 14$$

$$C = 154$$

$$D = 2 + 5 + 13 \times 4 \div (4 - 2)$$

$$D = 2 + 5 + 13 \times 4 \div 2$$

$$D = 2 + 5 + 52 \div 2$$

$$D = 2 + 5 + 26$$

$$D = 7 + 26$$

$$D = 33$$

$$E = 7 + 8 \times 9 \div (3 + 3) - 3$$

$$E = 7 + 8 \times 9 \div 6 - 3$$

$$E = 7 + 72 \div 6 - 3$$

$$E = 7 + 12 - 3$$

$$E = 19 - 3$$

$$E = 16$$

$$F = 7 \div (4 + 3) + 4 \times 10 - 6$$

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

$$F = 1 + 4 \times 10 - 6$$

$$F = 1 + 40 - 6$$

$$F = 41 - 6$$

$$F = 35$$

$$G = 4 \times (7 + 4) \div 4 + 9 - 2$$

$$G = 4 \times 11 \div 4 + 9 - 2$$

$$G = 44 \div 4 + 9 - 2$$

$$G = 11 + 9 - 2$$

$$G = 20 - 2$$

$$G = 18$$

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

$$H = 6,4 \times 12,2 - (6,2 + 1,8)$$

$$H = 6,4 \times 12,2 - 8$$

$$H = 78,08 - 8$$

$$H = 70,08$$

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

$$I = 7,6 + 3,8 + 36,1 - 9$$

$$I = 11,399999999999999 + 36,1 - 9$$

$$I = 47,5 - 9$$

$$I = 38,5$$

Corrigé de l'exercice 6

Calculer les expressions suivantes en détaillant les calculs.

$$A = 12 + 10 - 10$$

$$A = 22 - 10$$

$$A = 12$$

$$B = 12 \div (9 - 6)$$

$$B = 12 \div 3$$

$$B = 4$$

$$C = 9 \times (12 + 13)$$

$$C = 9 \times 25$$

$$C = 225$$

$$D = 7 \div 7 \times 13 + 4 - (6 + 8)$$

$$D = 7 \div 7 \times 13 + 4 - 14$$

$$D = 1 \times 13 + 4 - 14$$

$$D = 13 + 4 - 14$$

$$D = 17 - 14$$

$$D = 3$$

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

$$E = 16 \div 4 + 2 + 8 - 2$$

$$E = 4 + 2 + 8 - 2$$

$$E = 6 + 8 - 2$$

$$E = 14 - 2$$

$$E = 12$$

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

$$F = 8 - 2 \times 20 \div (4 + 6)$$

$$F = 8 - 2 \times 20 \div 10$$

$$F = 8 - 40 \div 10$$

$$F = 8 - 4$$

$$F = 4$$

$$G = 6 \div (2 + 4) \times (7 + 5) - 4$$

$$G = 6 \div 6 \times (7 + 5) - 4$$

$$G = 6 \div 6 \times 12 - 4$$

$$G = 1 \times 12 - 4$$

$$G = 12 - 4$$

$$G = 8$$

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

$$H = 52,5 - 4,4 + 5,5 + 7,8$$

$$H = 48,1 + 5,5 + 7,8$$

$$H = 53,6 + 7,8$$

$$H = 61,4$$

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

$$I = 6,1 + 6,3 \times 10,8 - 7,1$$

$$I = 6,1 + 68,04 - 7,1$$

$$I = 74,14 - 7,1$$

$$I = 67,04$$