Corrigé de l'exercice 1

Calculer les expressions suivantes en détaillant les calculs.

$A = 2 \times 10 - 13$

$A = 20 - 13$

$\boxed{A = 7}$

$B = 5 + 2 \times 12$

$B = 5 + 24$

$\boxed{B = 29}$

$C = 12 \times 9 - 4$

$C = 108 - 4$

$\boxed{C = 104}$

$D = 12 - 2 \times (6 + 7) \div (5 + 8)$

$D = 12 - 2 \times 13 \div (5 + 8)$

$D = 12 - 2 \times 13 \div 13$

$D = 12 - 26 \div 13$

$D = 12 - 2$

$\boxed{D = 10}$

$E = 7 + 3 + 8 \times 11 \div (12 - 11)$

$E = 7 + 3 + 8 \times 11 \div 1$

$E = 7 + 3 + 88 \div 1$

$E = 7 + 3 + 88$

$E = 10 + 88$

$\boxed{E = 98}$

$F = 2 \times 6 \div 2 + 8 - (6 + 5)$

$F = 2 \times 6 \div 2 + 8 - 11$

$F = 12 \div 2 + 8 - 11$

$F = 6 + 8 - 11$

$F = 14 - 11$

$\boxed{F = 3}$

$G = 3 + 13 + 10 - 12 \times 12 \div 12$

$G = 3 + 13 + 10 - 144 \div 12$

$G = 3 + 13 + 10 - 12$

$G = 16 + 10 - 12$

$G = 26 - 12$

$\boxed{G = 14}$

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

$H = 71{,}44 + 8{,}5 - 5{,}2 + 4{,}4$

$H = 79{,}94 - 5{,}2 + 4{,}4$

$H = 74{,}74 + 4{,}4$

$\boxed{H = 79{,}14}$

$I = 4{,}2 + 9{,}7 \times 7{,}8 + 3{,}5 - 5{,}2$

$I = 4{,}2 + 75{,}66 + 3{,}5 - 5{,}2$

$I = 79{,}86 + 3{,}5 - 5{,}2$

$I = 83{,}36 - 5{,}2$

$\boxed{I = 78{,}16}$

Corrigé de l'exercice 2

Calculer les expressions suivantes en détaillant les calculs.

$A = 13 \times (5 - 2)$

$A = 13 \times 3$

$\boxed{A = 39}$

$B = 3 \times 7 + 9$

$B = 21 + 9$

$\boxed{B = 30}$

$C = 6 + 11 - 11$

$C = 17 - 11$

$\boxed{C = 6}$

$D = 8 - 7 + 5 \times 8 \div 10 + 7$

$D = 8 - 7 + 40 \div 10 + 7$

$D = 8 - 7 + 4 + 7$

$D = 1 + 4 + 7$

$D = 5 + 7$

$\boxed{D = 12}$

$E = 3 \div 3 + 6 + 5 \times (9 - 8)$

$E = 3 \div 3 + 6 + 5 \times 1$

$E = 1 + 6 + 5 \times 1$

$E = 1 + 6 + 5$

$E = 7 + 5$

$\boxed{E = 12}$

$F = 9 \times 10 + 8 \div 2 + 6 - 12$

$F = 90 + 8 \div 2 + 6 - 12$

$F = 90 + 4 + 6 - 12$

$F = 94 + 6 - 12$

$F = 100 - 12$

$\boxed{F = 88}$

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

$G = 8 + 8 + 2 - 88 \div 8$

$G = 8 + 8 + 2 - 11$

$G = 16 + 2 - 11$

$G = 18 - 11$

$\boxed{G = 7}$

$H = 4{,}9 \times (9{,}2 + 9{,}5) - (9{,}3 + 7{,}2)$

$H = 4{,}9 \times 18{,}7 - (9{,}3 + 7{,}2)$

$H = 4{,}9 \times 18{,}7 - 16{,}5$

$H = 91{,}63000000000001 - 16{,}5$

$\boxed{H = 75{,}13000000000001}$

$I = 9 + 3{,}1 + 1{,}2 \times 9{,}5 - 6{,}9$

$I = 9 + 3{,}1 + 11{,}4 - 6{,}9$

$I = 12{,}1 + 11{,}4 - 6{,}9$

$I = 23{,}5 - 6{,}9$

$\boxed{I = 16{,}6}$

Corrigé de l'exercice 3

Calculer les expressions suivantes en détaillant les calculs.

$A = 2 \times (3 + 5)$

$A = 2 \times 8$

$\boxed{A = 16}$

$B = 9 - 12 \div 3$

$B = 9 - 4$

$\boxed{B = 5}$

$C = 12 - 2 + 3$

$C = 10 + 3$

$\boxed{C = 13}$

$D = 10 + 6 \times (9 + 11) \div 8 - 12$

$D = 10 + 6 \times 20 \div 8 - 12$

$D = 10 + 120 \div 8 - 12$

$D = 10 + 15 - 12$

$D = 25 - 12$

$\boxed{D = 13}$

$E = 9 - 6 \times 8 \div 8 + 11 + 7$

$E = 9 - 48 \div 8 + 11 + 7$

$E = 9 - 6 + 11 + 7$

$E = 3 + 11 + 7$

$E = 14 + 7$

$\boxed{E = 21}$

$F = 4 + 12 \times 9 + 6 \div (9 - 3)$

$F = 4 + 12 \times 9 + 6 \div 6$

$F = 4 + 108 + 6 \div 6$

$F = 4 + 108 + 1$

$F = 112 + 1$

$\boxed{F = 113}$

$G = 13 + 12 \times 3 \div (12 - (4 + 5))$

$G = 13 + 12 \times 3 \div (12 - 9)$

$G = 13 + 12 \times 3 \div 3$

$G = 13 + 36 \div 3$

$G = 13 + 12$

$\boxed{G = 25}$

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

$H = 7,3 - 5,1 + 3,1 \times 10,8$

$H = 7,3 - 5,1 + 33,480000000000004$

$H = 2,2 + 33,480000000000004$

$\boxed{H = 35,68000000000001}$

$I = 3,1 + 6,8 \div 1,7 \times (7 + 2,3)$

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

$I = 3,1 + 4 \times 9,3$

$I = 3,1 + 37,2$

$\boxed{I = 40,300000000000004}$

Corrigé de l'exercice 4

Calculer les expressions suivantes en détaillant les calculs.

$A = 10 + 3 \times 6$

$A = 10 + 18$

$\boxed{A = 28}$

$B = 2 \times (9 + 11)$

$B = 2 \times 20$

$\boxed{B = 40}$

$C = 8 \times 11 \div 11$

$C = 88 \div 11$

$\boxed{C = 8}$

$D = 7 + 9 + 8 \div (4 - 3) \times 11$

$D = 7 + 9 + 8 \div 1 \times 11$

$D = 7 + 9 + 8 \times 11$

$D = 7 + 9 + 88$

$D = 16 + 88$

$\boxed{D = 104}$

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

$E = 12 \times 6 \div 8 + 11 - 10$

$E = 72 \div 8 + 11 - 10$

$E = 9 + 11 - 10$

$E = 20 - 10$

$\boxed{E = 10}$

$F = 4 - 9 \div 9 + 3 \times (13 + 9)$

$F = 4 - 9 \div 9 + 3 \times 22$

$F = 4 - 1 + 3 \times 22$

$F = 4 - 1 + 66$

$F = 3 + 66$

$\boxed{F = 69}$

$G = 3 \times (12 + 10) - 9 + 3 \div 3$

$G = 3 \times 22 - 9 + 3 \div 3$

$G = 66 - 9 + 3 \div 3$

$G = 66 - 9 + 1$

$G = 57 + 1$

$\boxed{G = 58}$

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

$H = 8,1 - 6,3999999999999995 + 2 \times 1,9$

$H = 8,1 - 6,3999999999999995 + 3,8$

$H = 1,7000000000000002 + 3,8$

$\boxed{H = 5,5}$

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

$I = 8,5 - 6,5 + 7,2 + 15,959999999999999$

$I = 2 + 7,2 + 15,959999999999999$

$I = 9,2 + 15,959999999999999$

$\boxed{I = 25,159999999999997}$

Corrigé de l'exercice 5

Calculer les expressions suivantes en détaillant les calculs.

$A = 8 \times 2 - 10$

$A = 16 - 10$

$\boxed{A = 6}$

$B = 11 + 6 - 2$

$B = 17 - 2$

$\boxed{B = 15}$

$C = 8 + 9 \times 6$

$C = 8 + 54$

$\boxed{C = 62}$

$D = 8 \times 2 \div 8 + 8 + 6 - 11$

$D = 16 \div 8 + 8 + 6 - 11$

$D = 2 + 8 + 6 - 11$

$D = 10 + 6 - 11$

$D = 16 - 11$

$\boxed{D = 5}$

$E = 10 \times (11 + 7) \div 10 + 2 - 10$

$E = 10 \times 18 \div 10 + 2 - 10$

$E = 180 \div 10 + 2 - 10$

$E = 18 + 2 - 10$

$E = 20 - 10$

$\boxed{E = 10}$

$F = 9 \div 9 + 13 \times (9 - 7) + 3$

$F = 9 \div 9 + 13 \times 2 + 3$

$F = 1 + 13 \times 2 + 3$

$F = 1 + 26 + 3$

$F = 27 + 3$

$\boxed{F = 30}$

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

$G = 4 + 4 \times 14 - 6 \div 6$

$G = 4 + 56 - 6 \div 6$

$G = 4 + 56 - 1$

$G = 60 - 1$

$\boxed{G = 59}$

$H = 9{,}3 - 6{,}6 + 5{,}2 + 9{,}6 \times 1{,}7$

$H = 9{,}3 - 6{,}6 + 5{,}2 + 16{,}32$

$H = 2{,}700000000000001 + 5{,}2 + 16{,}32$

$H = 7{,}900000000000001 + 16{,}32$

$\boxed{H = 24{,}22000000000002}$

$I = 1{,}8 \times 8 - (7 + 5{,}7) + 1{,}5$

$I = 1{,}8 \times 8 - 12{,}7 + 1{,}5$

$I = 14{,}4 - 12{,}7 + 1{,}5$

$I = 1{,}700000000000001 + 1{,}5$

$\boxed{I = 3{,}200000000000001}$

Corrigé de l'exercice 6

Calculer les expressions suivantes en détaillant les calculs.

$A = 9 \times 4 \div 2$

$A = 36 \div 2$

$\boxed{A = 18}$

$B = 4 \times 12 - 7$

$B = 48 - 7$

$\boxed{B = 41}$

$C = 9 + 9 - 12$

$C = 18 - 12$

$\boxed{C = 6}$

$D = 3 + 8 \times 7 + 7 - 4 \div 4$

$D = 3 + 56 + 7 - 4 \div 4$

$D = 3 + 56 + 7 - 1$

$D = 59 + 7 - 1$

$D = 66 - 1$

$\boxed{D = 65}$

$E = 7 + 8 + 6 \times 13 \div 2 - 9$

$E = 7 + 8 + 78 \div 2 - 9$

$E = 7 + 8 + 39 - 9$

$E = 15 + 39 - 9$

$E = 54 - 9$

$\boxed{E = 45}$

$F = 13 + 7 - 3 + 12 \div 12 \times 9$

$F = 13 + 7 - 3 + 1 \times 9$

$F = 13 + 7 - 3 + 9$

$F = 20 - 3 + 9$

$F = 17 + 9$

$\boxed{F = 26}$

$G = 3 \div 3 \times 12 + 5 + 6 - 6$

$G = 1 \times 12 + 5 + 6 - 6$

$G = 12 + 5 + 6 - 6$

$G = 17 + 6 - 6$

$G = 23 - 6$

$\boxed{G = 17}$

$H = 2 + 9 \times (9{,}1 - (4{,}5 + 3{,}6))$

$H = 2 + 9 \times (9{,}1 - 8{,}1)$

$H = 2 + 9 \times 1$

$H = 2 + 9$

$\boxed{H = 11}$

$I = 1{,}2 \times 3{,}6 + 9 - (8 + 3{,}2)$

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

$I = 4{,}32 + 9 - 11{,}2$

$I = 13{,}32 - 11{,}2$

$\boxed{I = 2{,}120000000000001}$