ENCHAÎNEMENTS D'OPÉRATIONS 1.1

I) Calculer :

A = $12 + 8 \times 5 - 4 + 16 : 2$
B = $17 - (3 + 8 - 5)$
C = $18 + 4 \times (7 \times 2 - 6)$
D = $75 - (6 + 3 \times 10) : 9$
E = $3\,200 \times 0{,}01 \times 100 - 100$
F = $(5{,}6 + 1{,}4) \times (3{,}4 - 1{,}4)$
G = $48 + 2 \times (7 + 3 \times 5 - 2 \times 10)$
H = $5 + 3 \times 6 - 8 : 2$
I = $24{,}1 - [9 - (2 + 5)]$
J = $15{,}1 - [17 - (30 - 20)]$
K = $128 - 4 \times (6 + 1) + 218 - 3 \times (7 - 1)$
L = $8 + 2 \times (15 - 5 \times 2 + 4)$
M = $8 \times [9 - (2 + 4)] - 5 + 2$
N = $6 + 4 \times [2 \times (11 - 4 \times 2 + 2) - (9 - 5)]$
O = $17 - [3 \times (5 - 2) + 8] + 12{,}3 \times 4 - 4$
P = $3{,}5 \times [12 - (7 + 3)]$
Q = $2{,}5 \times [3 + 2 \times (13 - 3 \times 3) - 6 - 3]$
R = $38 - 8 \times (7 - 2 \times 3 + 1) - 4 + 2$
S = $6 + 2 \times 8 - 5 \times 3 + 10 : 2$
T = $[(6 + 2) \times (8 - 5) \times 3 + 10] : 2$
U = $6 + [2 \times (8 - 5) \times 3 + 10 : 2]$
V = $(19 - 7) \times 4 - (28 - 14)$
W = $25 - [18{,}7 - (9{,}2 + 4{,}5)]$
X = $[35 - (17 - 6)] : 8$
Y = $2 \times [(25 - 17{,}1) \times 3 + 11{,}3]$
Z = $[35 - 56 : (28 - 20)] \times 10$

II) Calculer astucieusement :

A = $123{,}45 + 89{,}12 + 546{,}55 + 15{,}15 + 40{,}88$
B = $6 \times 6{,}2 + 4 \times 6{,}2$
C = $8 \times 8765{,}43 \times 4 \times 0{,}125 \times 2{,}5$
D = 1001×47
E = $6 \times 106 - 6 \times 6$
F = $45{,}13 + 136{,}38 + 124{,}87 + 56{,}48 + 72{,}62$
G = $0{,}123 + 0{,}15 + 0{,}577 + 0{,}15$
H = $158 \times 48 - 48 \times 58$
I = $847 \times 47 + 153 \times 47$
J = 99×17
K = $56{,}98 + 76{,}59 + 34{,}18 + 14{,}02 + 12{,}41$
L = $14 \times 55 - 55 \times 4$
M = 46×999
N = $0{,}4 \times 56{,}49 \times 12{,}5 \times 25 \times 0{,}08$
O = $33 \times 81 + 33 \times 19$
P = $3 \times 130 - 3 \times 10 - 20 \times 3$
Q = $2 - 1{,}2 + 0{,}71 + 1{,}1 \times 2 + 12 + 0{,}29$
R = $106 \times 692 - 6 \times 692$
S = 7×430
T = $17{,}3 + 12 \times 2 + 1{,}4 + 2{,}7 + 2{,}3 \times 2$
U = 999×16
V = $15 \times 0{,}71 - 5 \times 0{,}71$
W = $0{,}8 \times 4010$
X = $1434 \times 89 - 89 \times 434$
Y = $1001 \times 37 + 1001$
Z = $2{,}3 \times 5 + 3 \times 2{,}3 + 2{,}3 \times 2$

III) Calculer :

A = $\dfrac{12-(9-5)}{(10-6)\times 2}$

B = $\dfrac{35}{7}+12\times 5-\dfrac{9\times 10}{45}$

C = $\dfrac{100-25\times 3}{7\times 4-18-5}$

D = $\dfrac{11-4\times 2+2}{0{,}4\times(4+6)\times 25}$

E = $\dfrac{2\times(15-5\times 2+4)}{6\times 0{,}5}-\dfrac{1+2\times 3-3}{2}$

F = $\dfrac{600\times 0{,}01+100\times 0{,}22}{1+4\times 3-2+3}$

G = $\dfrac{(2+8)\times(12-4)}{11+2\times 7+3\times(7-2)}$

H = $\dfrac{(4\times 5\times 2)+5\times 3+3\times(27-6)}{8\div 2\times 5\times 2+(4-1)\times 21+(5\times 3)}$

I = $\dfrac{(10+3)\times 2-2\times 3}{2{,}41+1{,}612+0{,}59+0{,}388}$

J = $\dfrac{(2+7\times 4)/5+4}{(2+7\times 4)/5-4}$

K = $\dfrac{3\times 4+8\times 1{,}25-\dfrac{8\times 10}{40}}{16/2/2}$

L = $\dfrac{1}{4}+\dfrac{1}{3}+\dfrac{1}{4}+\dfrac{1}{3}+\dfrac{1}{4}+\dfrac{1}{3}+\dfrac{1}{4}$