

## Exercices : Les 4 opérations - Valeur d'une expression littérale

## EXERCICE 1 - Calculer :

$A = -6 + 8$	$B = 12 - 27$	$C = -5 \times 8$	$D = -5 + 8$	$E = -5 - 8$
$F = 6 \times (-8)$	$G = -12 : 4$	$H = 42 : (-14)$	$I = 42 + (-14)$	$J = -14 - 42$
$K = -8 \times (-9)$	$L = -17 - (-7)$	$M = -100 : (-20)$	$N = -35 + 19$	$O = 40 - 65$
$P = -31 + (-6)$	$Q = -5 \times 7 \times (-2)$	$R = -7 + 9 - 12$	$S = -2 \times (-3) \times (-5)$	$T = -8 - 9 - 11$

## EXERCICE 2 - Calculer :

$A = -5 + 12$	$B = 21 - 35$	$C = -6 \times 7$	$D = -10 + 13$	$E = -10 - 13$
$F = 8 \times (-5)$	$G = -32 : 8$	$H = 56 : (-8)$	$I = 56 + (-8)$	$J = -8 - 56$
$K = -9 \times (-6)$	$L = -18 - (-8)$	$M = -1\ 000 : (-500)$	$N = -54 + 25$	$O = 46 - 79$
$P = -42 + (-7)$	$Q = -3 \times 5 \times (-7)$	$R = -8 + 14 - 11$	$S = -11 \times (-2) \times (-5)$	$T = -11 - 15 - 24$

## EXERCICE 3 - Calculer

$A = -11 + 4$	$B = 20 - 43$	$C = -3 \times 9$	$D = -3 + 9$	$E = -3 - 9$
$F = 25 \times (-5)$	$G = -25 : 5$	$H = 49 : (-7)$	$I = 49 + (-7)$	$J = -7 - 49$
$K = -8 \times (-3)$	$L = -12 - (-17)$	$M = -45 : (-0,1)$	$N = -68 + 41$	$O = 35 - 108$
$P = -45 + (-8)$	$Q = -2 \times 10 \times (-7)$	$R = -25 + 35 - 45$	$S = -9 \times (-2) \times (-10)$	$T = -24 - 67 - 13$

## EXERCICE 4 - Compléter le tableau :

a	4	6	-12	-10	-26	80	-100	-3	-14	-16
b	-5	-3	-4	5	-2	-5	-25	6	7	-5
a + b	<b>-1</b>									
a - b	<b>9</b>									
a × b	<b>-20</b>									
a : b	<b>-0,8</b>									

## EXERCICE 5 - Compléter le tableau :

a	4	2	-5	-10	-0,1	-3	-9	10	0,1	-25
b	-5	-3	6	8	-8	-4	-4	-100	-0,01	100
c	-3	7	-3	-2	-5	5	-2	1 000	10	-4
a + b + c	<b>-4</b>									
a - b - c	<b>12</b>									
a × b × c	<b>60</b>									

**CORRIGE****EXERCICE 1** - Calculer :

$A = -6 + 8$ $A = 2$	$B = 12 - 27$ $B = -15$	$C = -5 \times 8$ $C = -40$	$D = -5 + 8$ $D = 3$	$E = -5 - 8$ $E = -13$
$F = 6 \times (-8)$ $F = -48$	$G = -12 : 4$ $G = -3$	$H = 42 : (-14)$ $H = -3$	$I = 42 + (-14)$ $I = 28$	$J = -14 - 42$ $J = -56$
$K = -8 \times (-9)$ $K = 72$	$L = -17 - (-7)$ $L = -10$	$M = -100 : (-20)$ $M = 5$	$N = -35 + 19$ $N = -16$	$O = 40 - 65$ $O = -25$
$P = -31 + (-6)$ $P = -37$	$Q = -5 \times 7 \times (-2)$ $Q = 70$	$R = -7 + 9 - 12$ $R = -10$	$S = -2 \times (-3) \times (-5)$ $S = -30$	$T = -8 - 9 - 11$ $T = -28$

**EXERCICE 2** - Calculer :

$A = -5 + 12$ $A = 7$	$B = 21 - 35$ $B = -14$	$C = -6 \times 7$ $C = -42$	$D = -10 + 13$ $D = 3$	$E = -10 - 13$ $E = -23$
$F = 8 \times (-5)$ $F = -40$	$G = -32 : 8$ $G = -4$	$H = 56 : (-8)$ $H = -7$	$I = 56 + (-8)$ $I = -48$	$J = -8 - 56$ $J = -64$
$K = -9 \times (-6)$ $K = 54$	$L = -18 - (-8)$ $L = -26$	$M = -1\ 000 : (-500)$ $M = 2$	$N = -54 + 25$ $N = -29$	$O = 46 - 79$ $O = -33$
$P = -42 + (-7)$ $P = -49$	$Q = -3 \times 5 \times (-7)$ $Q = 105$	$R = -8 + 14 - 11$ $R = -5$	$S = -11 \times (-2) \times (-5)$ $S = -110$	$T = -11 - 15 - 24$ $T = -50$

**EXERCICE 3** - Calculer

$A = -11 + 4$ $A = -7$	$B = 20 - 43$ $B = -23$	$C = -3 \times 9$ $C = -27$	$D = -3 + 9$ $D = 6$	$E = -3 - 9$ $E = -12$
$F = 25 \times (-5)$ $F = -125$	$G = -25 : 5$ $G = -5$	$H = 49 : (-7)$ $H = -7$	$I = 49 + (-7)$ $I = 42$	$J = -7 - 49$ $J = -56$
$K = -8 \times (-3)$ $K = 24$	$L = -12 - (-17)$ $L = 5$	$M = -45 : (-0,1)$ $M = 450$	$N = -68 + 41$ $N = -27$	$O = 35 - 108$ $O = -73$
$P = -45 + (-8)$ $P = -53$	$Q = -2 \times 10 \times (-7)$ $Q = 140$	$R = -25 + 35 - 45$ $R = -25$	$S = -9 \times (-2) \times (-10)$ $S = -180$	$T = -24 - 67 - 13$ $T = -104$

**EXERCICE 4** - Compléter le tableau :

a	4	6	-12	-10	-26	80	-100	-3	-14	-16
b	-5	-3	-4	5	-2	-5	-25	6	7	-5
a + b	<b>-1</b>	3	-16	-5	-28	75	-125	3	-7	-21
a - b	<b>9</b>	9	-8	-15	-24	85	-75	-9	-21	-11
a × b	<b>-20</b>	-18	48	-50	52	-400	2 500	-18	-98	80
a : b	<b>-0,8</b>	-2	3	-2	13	-16	4	-0,5	-2	3,2

**EXERCICE 5** - Compléter le tableau :

a	4	2	-5	-10	-0,1	-3	-9	10	0,1	-25
b	-5	-3	6	8	-8	-4	-4	-100	-0,01	100
c	-3	7	-3	-2	-5	5	-2	1 000	10	-4
a + b + c	<b>-4</b>	6	-2	-4	-13,1	-2	-15	910	10,09	71
a - b - c	<b>12</b>	-2	-8	-16	12,9	-4	-3	-890	-9,89	-121
a × b × c	<b>60</b>	-42	90	160	-1,3	60	-54	-1 000 000	-0,01	10 000