

Exercice I

$$A = 3 + (2 - 8) - 12 = 3 + (-6) - 12 = 3 - 6 - 12 = 3 - 18 = -15$$

$$B = 3 - 11 - 8 + 9 - 7 - 4 + 18 = 30 - 30 = 0$$

$$C = 120 + (90 - 50 + 40) + (-16 + 4) = 120 + (80) + (-12) \\ = 200 - 12 = 188$$

Exercice II

$$(-3) \times (-5) = +15$$

$$-3 \times 3 = -9$$

$$-7 \times (-9) = +63$$

$$5 \times (-6) = -30$$

$$0 \times (-17) = 0$$

$$-2 \times (-4) = +8$$

$$100 \times 9,1 = 910$$

$$5 \times (-20) = -100$$

$$(-1) \times (-1) = +1$$

$$1,24 \times (-1) = -1,24$$

$$(-10) \times 0,5 = -5$$

$$(-8) \times (-8) = +64$$

Exercice III

$$-3 \times \boxed{(-4)} = 12$$

$$(-5) \times \boxed{3} = -15$$

$$-28 = 7 \times \boxed{(-4)}$$

$$3 \times \boxed{7} = 21$$

$$45 = \boxed{(-5)} \times (-9)$$

$$-28 = (-7) \times \boxed{4}$$

Exercice IV

a) huit facteurs négatifs : nombre pair

D'où le résultat est positif.

b) six facteurs positifs donc il y a 3 facteurs négatifs : nombre impair

D'où le résultat est négatif

Exercice V

$$R = 4 + 5 \times (-3) = 4 - 15 = -11$$

$$S = (3 - 5) \times 4 = -2 \times 4 = -8$$

$$T = -8 - 7 \times (-4) = -8 + 28 = 20$$

$$U = -3 \times (7 - 9 - 3) = -3 \times (-5) = +15$$

$$V = -3 + (2 - 6) \div 2 = -3 + (-4) \div 2 = -3 + (-2)$$

$$= -3 - 2 = -5$$

$$W = (-5) \times (-3) \times (-4) = -15 \times 4 = -60$$

$$X = 2 \times (-3) - 1 = -6 - 1 = -7$$

$$Y = -11 - (-1) \times (-2) + 2 = -11 - (+2) + 2 = -11 - 2 + 2 \\ = -11$$

$$Z = 9 - 5 \times (-2 + 3 - 6) - 4$$

$$= 9 - 5 \times (-5) - 4 = 9 + 25 - 4 = 34 - 4 = 30$$

Exercice VI

A	B	C	A+B	A-B	C-(A-B)
-1	2	-4	$-1+2=+1$	$-1-2=-3$	$-4-(-3)=$ $-4+3=-1$
2	-5	-3	$2+(-5)=-3$	$2-(-5)=$ $2+5=7$	$-3-(7)=-10.$