

Évaluation Blanche – Correction

Exercice 1 : Calculer.

$$A = (-7) + (-5)$$

$$A = (-12)$$

$$B = (+8) + (-13)$$

$$B = (-4)$$

$$C = (+24) + (-20)$$

$$C = (+4)$$

$$D = (-20) - (+18)$$

$$D = (-20) + (-18)$$

$$D = (-38)$$

$$E = (-3) - (+16)$$

$$E = (-3) + (-16)$$

$$E = (-19)$$

$$F = (-9) + (-21)$$

$$F = (-30)$$

$$G = (+21) - (-21)$$

$$G = (+21) + (+21)$$

$$G = 0$$

$$H = (-19) + (11)$$

$$H = (-8)$$

Exercice 2 :

Effectue les calculs suivants en regroupant les termes de même signe.

$$O = (-4) + (+6) + (-3)$$

$$O = (-7) + (+6)$$

$$O = (-1)$$

$$P = (-9) + (+13) + (+7) + (-11)$$

$$P = (-20) + (+20)$$

$$P = 0$$

$$Q = (+12) + (-11) + (+25) + (-17)$$

$$Q = (+37) + (-28)$$

$$Q = (+9)$$

$$R = (-11) + (+13) + (+8) + (-19) + (-7)$$

$$R = (-37) + (+21)$$

$$R = -16$$

Exercice 3 : Pour chaque cas, transforme-la (ou les) soustraction·s en addition·s puis effectue les calculs en regroupant les termes de même signe.

$$S = (-3) + (+6) - (-8)$$

$$S = (-3) + (+6) + (+8)$$

$$S = (-3) + (+14)$$

$$S = +11$$

$$T = (+2) - (+3) - (+4)$$

$$T = (+2) + (-3) + (-4)$$

$$T = (+2) + (-7)$$

$$T = -5$$

$$U = (-5) - (+3) - (-4) + (-10)$$

$$U = (-5) + (-3) + (+4) + (-10)$$

$$U = (-18) + (+4)$$

$$U = -14$$

Pour gagner en rapidité, on peut aussi utiliser l'écriture simplifiée :

$$S = (-3) + (+6) - (-8)$$

$$S = -3 + 6 + 8$$

$$S = -3 + 14$$

$$S = 11$$

$$T = (+2) - (+3) - (+4)$$

$$T = 2 - 3 - 4$$

$$T = 2 - 7$$

$$T = -5$$

$$U = (-5) - (+3) - (-4) + (-10)$$

$$U = -5 - 3 + 4 - 10$$

$$U = -18 + 4$$

$$U = -14$$

Exercice 4 : Effectuer les calculs suivants :

$$V = -8 + 3 - 2 + 6$$

$$D = -10 + 9$$

$$D = -1$$

$$W = 13 - 19 + 9 - 11$$

$$E = 22 - 30$$

$$E = -8$$

$$X = 33 - (-8 + 7 - 4) + (-5 + 3)$$

$$X = 33 - (-12 + 7) + (-2)$$

$$X = 33 - (-5) + (-2)$$

$$X = 33 + 5 - 2$$

$$X = 38 - 2$$

$$X = 36$$

$$Y = 24 - (9 - 17 + 2 - (13 - 17))$$

$$Y = 24 - (9 - 17 + 2 - (-4))$$

$$Y = 24 - (9 - 17 + 2 + 4)$$

$$Y = 24 - (15 - 17)$$

$$Y = 24 - (-2)$$

$$Y = 24 + 2$$

$$Y = 26$$

