

Opérations sur les nombres relatifs

Niveau de difficulté : 4 termes

1 Enoncé

Simplifier les expressions puis calculer :

$$A = -47 - (+39) + (-43) + (+12)$$

$$B = 14 - (-31) + (+38) - (+26)$$

$$C = 28 + (-3) - (-22) - (-18)$$

$$D = -40 + (-21) + (+38) + (-8)$$

$$E = -6 + (+23) - (-48) - (-11)$$

$$F = -8 - (+32) + (+26) + (-35)$$

$$G = 37 + (+39) - (-23) + (+17)$$

$$H = 43 + (+37) + (+17) - (+31)$$

$$I = 27 + (+23) - (+6) - (-7)$$

$$J = -12 - (-27) - (+17) + (+32)$$

$$K = 7 - (-50) + (+34) + (-40)$$

$$L = 23 - (-25) + (-18) - (-6)$$

$$M = -34 - (+24) + (+18) - (+26)$$

$$N = -38 + (-4) + (+9) + (-28)$$

$$O = 14 - (+13) - (+2) + (+36)$$

$$P = -24 + (+46) + (-37) - (+24)$$

$$Q = -28 + (-38) + (+6) + (-26)$$

$$R = -25 + (-38) - (-15) + (-7)$$

$$S = 12 - (-9) - (-36) + (-43)$$

$$T = 43 + (-36) - (+45) + (+44)$$

$$U = 36 + (+5) + (+44) + (-17)$$

$$V = 22 + (+48) - (+11) + (+33)$$

$$W = -21 + (+19) - (+27) - (-6)$$

$$X = -32 + (+43) - (+19) + (-5)$$

$$Y = 48 - (-42) - (-45) + (-47)$$

2 Corrigé

$$\begin{aligned}A &= -47 - (+39) + (-43) + (+12) \\A &= -47 - 39 - 43 + 12 \\A &= -117\end{aligned}$$

$$\begin{aligned}C &= 28 + (-3) - (-22) - (-18) \\C &= 28 - 3 + 22 + 18 \\C &= 65\end{aligned}$$

$$\begin{aligned}E &= -6 + (+23) - (-48) - (-11) \\E &= -6 + 23 + 48 + 11 \\E &= 76\end{aligned}$$

$$\begin{aligned}G &= 37 + (+39) - (-23) + (+17) \\G &= 37 + 39 + 23 + 17 \\G &= 116\end{aligned}$$

$$\begin{aligned}I &= 27 + (+23) - (+6) - (-7) \\I &= 27 + 23 - 6 + 7 \\I &= 51\end{aligned}$$

$$\begin{aligned}K &= 7 - (-50) + (+34) + (-40) \\K &= 7 + 50 + 34 - 40 \\K &= 51\end{aligned}$$

$$\begin{aligned}M &= -34 - (+24) + (+18) - (+26) \\M &= -34 - 24 + 18 - 26 \\M &= -66\end{aligned}$$

$$\begin{aligned}O &= 14 - (+13) - (+2) + (+36) \\O &= 14 - 13 - 2 + 36 \\O &= 35\end{aligned}$$

$$\begin{aligned}Q &= -28 + (-38) + (+6) + (-26) \\Q &= -28 - 38 + 6 - 26 \\Q &= -86\end{aligned}$$

$$\begin{aligned}S &= 12 - (-9) - (-36) + (-43) \\S &= 12 + 9 + 36 - 43 \\S &= 14\end{aligned}$$

$$\begin{aligned}U &= 36 + (+5) + (+44) + (-17) \\U &= 36 + 5 + 44 - 17 \\U &= 68\end{aligned}$$

$$\begin{aligned}W &= -21 + (+19) - (+27) - (-6) \\W &= -21 + 19 - 27 + 6 \\W &= -23\end{aligned}$$

$$\begin{aligned}Y &= 48 - (-42) - (-45) + (-47) \\Y &= 48 + 42 + 45 - 47 \\Y &= 88\end{aligned}$$

$$\begin{aligned}B &= 14 - (-31) + (+38) - (+26) \\B &= 14 + 31 + 38 - 26 \\B &= 57\end{aligned}$$

$$\begin{aligned}D &= -40 + (-21) + (+38) + (-8) \\D &= -40 - 21 + 38 - 8 \\D &= -31\end{aligned}$$

$$\begin{aligned}F &= -8 - (+32) + (+26) + (-35) \\F &= -8 - 32 + 26 - 35 \\F &= -49\end{aligned}$$

$$\begin{aligned}H &= 43 + (+37) + (+17) - (+31) \\H &= 43 + 37 + 17 - 31 \\H &= 66\end{aligned}$$

$$\begin{aligned}J &= -12 - (-27) - (+17) + (+32) \\J &= -12 + 27 - 17 + 32 \\J &= 30\end{aligned}$$

$$\begin{aligned}L &= 23 - (-25) + (-18) - (-6) \\L &= 23 + 25 - 18 + 6 \\L &= 36\end{aligned}$$

$$\begin{aligned}N &= -38 + (-4) + (+9) + (-28) \\N &= -38 - 4 + 9 - 28 \\N &= -61\end{aligned}$$

$$\begin{aligned}P &= -24 + (+46) + (-37) - (+24) \\P &= -24 + 46 - 37 - 24 \\P &= -39\end{aligned}$$

$$\begin{aligned}R &= -25 + (-38) - (-15) + (-7) \\R &= -25 - 38 + 15 - 7 \\R &= -55\end{aligned}$$

$$\begin{aligned}T &= 43 + (-36) - (+45) + (+44) \\T &= 43 - 36 - 45 + 44 \\T &= 6\end{aligned}$$

$$\begin{aligned}V &= 22 + (+48) - (+11) + (+33) \\V &= 22 + 48 - 11 + 33 \\V &= 92\end{aligned}$$

$$\begin{aligned}X &= -32 + (+43) - (+19) + (-5) \\X &= -32 + 43 - 19 - 5 \\X &= -13\end{aligned}$$