

Exercice corrigé

Calcule :

$$D = 4 + (-5) - (-8)$$

$$E = -15 - 14 + (-15) - (-20)$$

Correction

$$D = 4 + (-5) - (-8)$$

$$D = 4 + (-5) + 8$$

$$D = -1 + 8$$

$$D = 7$$

$$E = -15 - 14 + (-15) - (-20)$$

$$E = -15 + (-14) + (-15) + 20$$

$$E = -44 + 20$$

$$E = -24$$

1 Effectue les calculs suivants :

$$A = -7 + 9 + (-3)$$

$$A = \dots\dots\dots$$

$$A = \dots\dots\dots$$

$$B = -25 + (-128) + (-47)$$

$$B = \dots\dots\dots$$

$$B = \dots\dots\dots$$

$$C = 3,9 + (-3,4) + 4,5$$

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$

2 Effectue les calculs suivants.

$$B = -3,1 + (-9) + 8,4 + (-7,3)$$

$$B = \dots\dots\dots$$

$$B = \dots\dots\dots$$

$$B = \dots\dots\dots$$

$$C = 34 + (-17) + 12 + (-4,75) + (-6,25)$$

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$

$$D = -52 + 23 + 18 + (-26) + (-33) + 48$$

$$D = \dots\dots\dots$$

$$D = \dots\dots\dots$$

$$D = \dots\dots\dots$$

3 En regroupant deux par deux les termes, calcule le plus simplement possible chaque somme.

a. $A = 27 + (-33) + (-4) + 33$

$$A = \dots\dots\dots$$

$$A = \dots\dots\dots$$

$$B = 24,5 + (-6,4) + (-8,6) + (-4,5)$$

$$B = \dots\dots\dots$$

$$B = \dots\dots\dots$$

$$C = -53 + 5\,432 + (-100) + 0 + (-32) + 53$$

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$

$$D = 11,2 + (-52) + 18,8 + 6,7 + 36 + (-6,7)$$

$$D = \dots\dots\dots$$

$$D = \dots\dots\dots$$

$$D = \dots\dots\dots$$

4 Dans chaque cas, transforme l'expression en suite d'additions.

$$A = -15 + 11 - (-20)$$

$$A = \dots\dots\dots$$

$$B = 13 - (-13) - 30$$

$$B = \dots\dots\dots$$

$$C = 30 + (-18) - (-31) + 14 - 22$$

$$C = \dots\dots\dots$$

$$D = -128 - 56 + (-31) - (-149) - 63$$

$$D = \dots\dots\dots$$

5 Dans chaque cas, transforme la (ou les) soustraction(s) en addition(s) puis effectue les calculs en regroupant les termes de même signe.

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

$$A = -3 + 6 + \dots\dots\dots$$

$$A = \dots\dots + (-3)$$

$$A = \dots\dots\dots$$

$$B = 2 - 3 - 4$$

$$B = 2 \dots (\dots\dots) \dots (\dots\dots)$$

$$B = \dots\dots + (-\dots\dots)$$

$$B = \dots\dots\dots$$

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

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$

$$C = \dots\dots\dots$$