

Série 4

Soustraire deux nombres relatifs

Exercice corrigé

Calcule : $C = (-2) - (-3)$.

On transforme la soustraction en addition : soustraire c'est ajouter l'**opposé** : $-(-3)$ devient $+(+3)$

On effectue l'addition.

Correction

$$C = (-2) - (-3)$$

$$C = (-2) + (+3)$$

$$C = +1$$

1 Dans chaque cas, transforme la soustraction en addition.

$$A = (+10) - (-12) = (+10) \dots (\dots 12)$$

$$B = (-21) - (+13) = (-21) \dots (\dots 13)$$

$$C = (-9) - (+14) = (-9) \dots (\dots)$$

$$D = (+12,4) - (-9,7) = (\dots) \dots (\dots)$$

$$E = (-65) - (-78) = (\dots) \dots (\dots)$$

$$F = (-17,2) - (+5,5) = \dots$$

$$G = (-1,1) - (+0,2) = \dots$$

$$H = (+8,4) - (-3,9) = \dots$$

$$I = (+3) - (+3,5) = \dots$$

$$J = (-0,1) - (-0,1) = \dots$$

2 Pour chaque cas, transforme la soustraction en addition puis effectue le calcul.

$$A = (-12) - (+15)$$

$$A = (-12) \dots (\dots 15)$$

$$A = (\dots)$$

$$B = (-45) - (-41)$$

$$B = (-45) \dots (\dots 41)$$

$$B = (\dots)$$

$$C = (+32) - (+27)$$

$$C = (+32) \dots (\dots)$$

$$C = (\dots)$$

$$D = (-2,6) - (+2,7)$$

$$D = \dots$$

$$D = \dots$$

$$E = (-1,4) - (-2,3)$$

$$E = \dots$$

$$E = \dots$$

$$F = (-3,7) - (+5,7)$$

$$F = \dots$$

$$F = \dots$$

3 Pour chaque cas, transforme la soustraction en addition puis effectue le calcul.

$$A = (-21) - (+25)$$

$$A = (-21) \dots (\dots 25)$$

$$A = (\dots)$$

$$B = (-52) - (-14)$$

$$B = (-52) \dots (\dots 14)$$

$$B = (\dots)$$

$$C = (+42) - (+29)$$

$$C = (+42) \dots (\dots)$$

$$C = (\dots)$$

$$D = (-2,3) - (+2,4)$$

$$D = \dots$$

$$D = \dots$$

$$E = (-1,8) - (-2,5)$$

$$E = \dots$$

$$E = \dots$$

$$F = (-3,8) - (+5,8)$$

$$F = \dots$$

$$F = \dots$$

4 Calcule mentalement les soustractions suivantes.

$$A = (-4) - (-6) = (\dots)$$

$$B = (+1) - (-7) = (\dots)$$

$$C = (+11) - (+8) = (\dots)$$

$$D = (-6) - (-4) = (\dots)$$

$$E = (+9) - (+13) = (\dots)$$

$$F = (-2) - (+3) = (\dots)$$

5 Calcule mentalement les soustractions suivantes.

$$A = (-4,5) - (-6,7) = (\dots)$$

$$B = (+1,2) - (-7,1) = (\dots)$$

$$C = (+10,8) - (+8,8) = (\dots)$$

$$D = (-4,6) - (-4,3) = (\dots)$$

$$E = (+9,5) - (+13) = (\dots)$$

$$F = (-2,4) - (+3,7) = (\dots)$$