

C1F3– Additions et soustractions de relatifs

Exercice 1 :(sur cette feuille) Transforme chaque soustraction en addition puis calcule :

$$A = 7 - 11$$

$$B = 29 - (-15)$$

$$C = -73 - (-52)$$

$$A = \dots + \dots$$

$$B = \dots + \dots$$

$$C = \dots + \dots$$

$$A = \dots$$

$$B = \dots$$

$$C = \dots$$

Exercice 2:(sur cette feuille) calcule:

$$a. \quad 6 + (-47) = \dots \quad h. \quad -7 + 13 = \dots$$

$$b. \quad 9 - (+14) = \dots \quad i. \quad -6 - 7 = \dots$$

$$c. \quad 13 + (-7) = \dots \quad j. \quad -8 - (-4) = \dots$$

$$d. \quad -10 - (+21) = \dots \quad k. \quad 31 - 19 = \dots$$

$$e. \quad 25 - (-8) = \dots \quad l. \quad -12 - 41 = \dots$$

$$f. \quad -19 + (-4) = \dots \quad l. \quad 9 - 17 = \dots$$

$$g. \quad -7 - (-12) = \dots \quad m. \quad 0 - 97 = \dots$$

Exercice 3 :(sur cette feuille) calcule:

$$a. \quad 5 + (-12) = \dots \quad h. \quad -5 + 9 = \dots$$

$$b. \quad 6 - (+12) = \dots \quad i. \quad -3 - 4 = \dots$$

$$c. \quad 4 + (-7) = \dots \quad j. \quad -5 - (-6) = \dots$$

$$d. \quad -12 - (+12) = \dots \quad k. \quad 22 - 15 = \dots$$

$$e. \quad 15 - (-7) = \dots \quad l. \quad -14 - 21 = \dots$$

$$f. \quad -15 + (-8) = \dots \quad l. \quad 7 - 15 = \dots$$

$$g. \quad -5 - (-7) = \dots \quad m. \quad 0 - 53 = \dots$$

Exercice 4:(sur ton cahier) Calcule astucieusement les expressions suivantes

$$A = 3 - 2 - (-3) + (-4) + 6$$

$$C = -2 + (-4) - (-6) + (-2) - 3$$

$$E = -3 + 5 - 2 + 1$$

$$F = 5 - 4 + 2 - 6$$

$$B = (-2) + (-5) - (-6) + (+7) - (+3) ;$$

$$D = -1 + (-1) - (+1) + (-1) - (+1)$$

$$G = -6 + 5 - 4 + 3 - 2 - 1 + 7$$

C1F3– Additions et soustractions de relatifs

Exercice 1:(sur cette feuille) Effectue les soustractions suivantes en transformant d'abord chaque soustraction en addition :

$$A = 7 - 11$$

$$A = 7 + (-11)$$

$$A = -4$$

$$B = 29 - (-15)$$

$$B = 29 + 15$$

$$B = 44$$

$$C = -73 - (-52)$$

$$C = -73 + 52$$

$$C = -21$$

Exercice 2:(sur cette feuille) calcule:

$$a. \quad 6 + (-47) =$$

$$-41$$

$$h. \quad -7 + 13 = 6$$

$$b. \quad 9 - (+14) =$$

$$9 + (-14) = -5$$

$$i. \quad -6 - 7 = -13$$

$$c. \quad 13 + (-7) =$$

$$6$$

$$j. \quad -8 - (-4) = -8 + 4 = -4$$

$$d. \quad -10 - (+21) =$$

$$-10 + (-21) = -31$$

$$k. \quad 31 - 19 = 12$$

$$e. \quad 25 - (-8) =$$

$$25 + 8 = 33$$

$$l. \quad -12 - 41 = -53$$

$$f. \quad -19 + (-4) =$$

$$-23$$

$$l. \quad 9 - 17 = -8$$

$$g. \quad -7 - (-12) =$$

$$-7 + 12 = 5$$

$$m. \quad 0 - 97 = -97$$

Exercice 3 :(sur cette feuille) calcule:

$$a. \quad 5 + (-12) =$$

$$-7$$

$$h. \quad -5 + 9 = 4$$

$$b. \quad 6 - (+12) =$$

$$6 + (-12) = -6$$

$$i. \quad -3 - 4 = -7$$

$$c. \quad 4 + (-7) =$$

$$-3$$

$$j. \quad -5 - (-6) = -5 + 6 = 1$$

$$d. \quad -12 - (+12) =$$

$$-12 + (-12) = -24$$

$$k. \quad 22 - 15 = 7$$

$$e. \quad 15 - (-7) =$$

$$15 + 7 = 22$$

$$l. \quad -14 - 21 = -35$$

$$f. \quad -15 + (-8) =$$

$$-23$$

$$l. \quad 7 - 15 = -8$$

$$g. \quad -5 - (-7) =$$

$$-5 + 7 = 2$$

$$m. \quad 0 - 53 = -53$$

Exercice 4:(sur ton cahier) Calculer les expressions suivantes

$$A = 3 - 2 - (-3) + (-4) + 6$$

$$A = 3 + (-2) + 3 + (-4) + 6$$

$$A = 12 + (-6)$$

$$A = 6$$

$$B = (-2) + (-5) - (-6) + (+7) - (+3) ;$$

$$B = (-2) + (-5) + 6 + (+7) + (-3) ;$$

$$B = (-10) + 13$$

$$B = 3$$

$$C = -(-2) + (-4) - (-6) + (-2) - 3$$

$$C = 2 + (-4) + 6 + (-2) + (-3)$$

$$C = 8 + (-9) = -1$$

$$D = (-1) + (-1) - (+1) + (-1) - (+1)$$

$$D = (-1) + (-1) + (-1) + (-1) + (-1)$$

$$D = (-5)$$

$$E = -3 + 5 - 2 + 1$$

$$E = -5 + 6$$

$$E = 1$$

$$F = 5 - 4 + 2 - 6$$

$$F = 7 - 10$$

$$F = -3$$

$$G = -6 + 5 - 4 + 3 - 2 - 1 + 7$$

$$G = -13 + 15$$

$$G = 2$$