

Factoriser

Exercice 1 :

$$\begin{array}{l} A = 3x + 3y \\ D = 6y + y^2 \end{array}$$

$$\begin{array}{l} B = 7x + 12x \\ E = 4a + 12 \end{array}$$

$$\begin{array}{l} C = 7a + 7 \\ F = 6 - 15x \end{array}$$

$$(x-y)z = F ; (x+a)t = E ; (a+g)c = D ; (l+a)l = C ; xg = B ; (k+x)x = A$$

Exercice 2 :

$$\begin{array}{l} G = 7 \times 11 + 7 \times 29 \\ K = 9 \times 117 - 9 \times 17 \end{array}$$

$$\begin{array}{l} H = 7x + 7y \\ L = 9x - 9y \end{array}$$

$$\begin{array}{l} J = 7a + 7b \\ M = 9u - 9v \end{array}$$

$$G = 7 \times (11 + 29) = 7 \times 40 ; H = 7(x + y) ; J = 7(a+b) ; K = 9 \times (117 - 17) = 9 \times 100 ; L = 9(x-y) ; M = 9(u-v)$$

Exercice 3 :

$$\begin{array}{l} N = 2a + 2b - 2c \\ R = ma + ta + sa \end{array}$$

$$\begin{array}{l} P = 3x + 6y + 12z \\ S = 57x + 19 \end{array}$$

$$\begin{array}{l} Q = 15t + 5h - 45 \\ T = 74a - 111b \end{array}$$

$$N = 2(a+b-c) ; P = 3(x+2y+4z) ; Q = 5(3t+h-9) ; R = (m+t+s)a ; S = 19(3x+1) ; T = 37(2a-3b)$$