Factoriser chaque expression :	Solution :
$A = 3x + 3y$	$A = 3(x + y)$
$B = 9x + 9y$	$B = 9(x + y)$
$C = 10x - 10$	$C = 10(x - 1)$
$D = 4x + 4$	$D = 4(x + 1)$
$E = 7 - 7x$	$E = 7(1 - x)$
$F = 3x + 18$	$F = 3(x + 6)$
$G = 20 - 5x$	$G = 5(4 - x)$
$H = 12x - 15y$	$H = 3(4x - 5y)$
$I = 2x^2 — 3x$	$I = x(2x - 3)$
$J = 7y - 4y^2$	$J = y(7 — 4y)$
$K = 4(2x + 3) + 3x(2x + 3)$	$K = (2x + 3)(3x + 4)$
$L = 2x(x - 7) - 5(x - 7)$	$L = (x - 7)(2x - 5)$
$M = 2x(5x - 4) + (5x - 4)$	$M = (5x - 4)(2x + 1)$
$N = (-3x - 2) - 8x(-3x - 2)$	$N = (-3x - 2)(1 - 8x)$
$O = 3(x + 2) - (x + 3)(x + 2)$	$O = -x(x + 2)$
$P = (3x + 1)(8x + 4) + (3x + 1)(2x - 7)$	$P = (3x + 1)(10x - 3)$
$Q = (x + 4)(2x - 3) - (2x - 3)(2x - 5)$	$Q = (2x - 3)(-x + 9)$
$R = (2x + 4)(x - 1) - (x - 1)$	$R = (x - 1)(2x + 3)$
$S = (x + 5)^2 - (4x - 3)(x + 5)$	$S = (x + 5)(-3x + 8)$
$T = 2(x + 1)(x - 2) - (x + 1)^2$	$T = (x + 1)(x - 5)$
$U = x(2x - 5) + (5 - 2x)(3 - 4x)$	$U = (2x - 5)(5x - 3)$
$V = (3x - 1)(x + 2) + (2 - 6x)(4x + 3)$	$V = (3x - 1)(-7x - 4)$
$W = (4 - 3x)(5x - 6) - 12 + 9x$	$W = (4 - 3x)(5x - 9)$

Rappels de deux formules :

$ka + kb = k\left(a + b\right)$

$ka - kb = k\left(a - b\right)$

Attention aux changements de signes : $-\left(a - b\right) = b - a$