

FORMULE :

$$(a+b)(c+d) = ac + ad + bc + bd$$

EXERCICE 1 - Développer (niveau 1)

$(x + t)(y + z)$	=
$(a + x)(b + y)$	=
$(3 + x)(2 + y)$	=
$(x + 6)(y + 4)$	=
$(a + 2)(b + 7)$	=
$(b + a)(d + c)$	=
$(c + d)(a + b)$	=
$(1 + x)(a + 1)$	=
$(ab + 2)(c + 3)$	=
$(xz + b)(y + ac)$	=

EXERCICE 2- Développer (niveau 2)

$(x + 3)(y - 2)$	=
$(x - 4)(y + 1)$	=
$(x + 1)(y - 2)$	=
$(5 - x)(3 + x)$	=
$(2a + 4)(3a + 5)$	=
$(x^2 + 3)(2x + 4)$	=
$(3x - 7)(4x^2 + 1)$	=
$(1 + x)(x + 1)$	=
$(3x - 5)(x - 2)$	=
$(4 + x)(6 - 2x^2)$	=

EXERCICE 3

Développer puis réduire (niveau 1)

$A = (x + 3)(x + 2)$ A = A =	$B = (x + 4)(x - 6)$ B = B =
$C = (a - 5)(2a + 7)$ C = C =	$D = (4 + x^2)(x + 3)$ D = D =
$E = (x - 2)(x - 1)$ E = E =	$F = (4 - 2x)(1 - 3x)$ F = F =
$G = (x + 3)(x + 3)$ G = G =	$H = (2 - x)(2 - x)$ H = H =
$I = (a + b)(a - b)$ I = I =	$J = (x + 6)^2$ J = J =

EXERCICE 4

Développer puis réduire (niveau 2)

$A = (4x - 1)(6 - 3x)$
$B = (x - 2)(x + 7) + x^2$
$C = 2x^2 + (x - 4)(3 - x)$
$D = x(x - 1) - 3(x + 1)$
$E = (x + 2)(-x - 3) + 3x^2$

