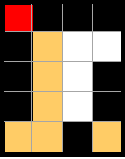
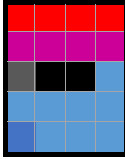
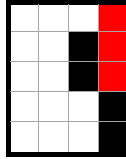
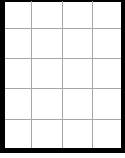
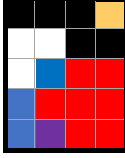
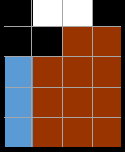
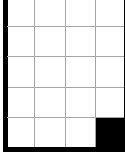
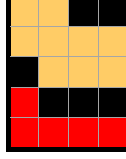
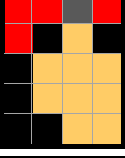
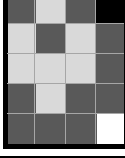
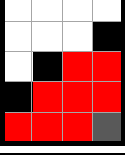
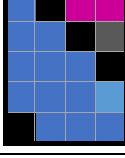
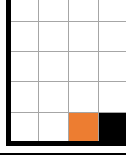
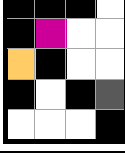
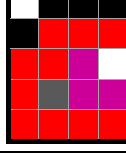
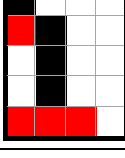
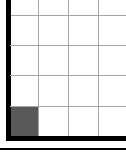
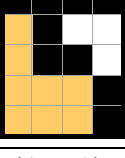
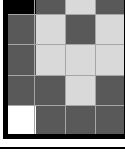
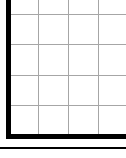


Calcul littéral

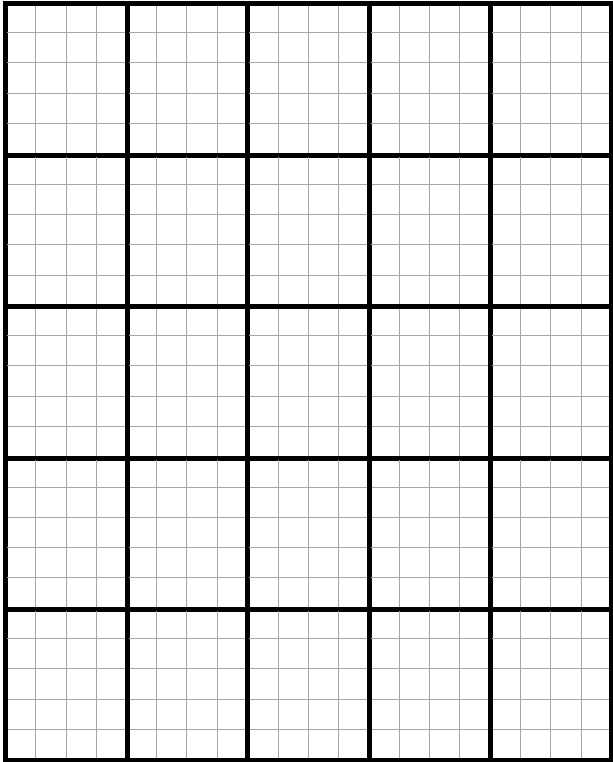
Pour découvrir le dessin caché, développe et réduis les 25 expressions ci-dessous puis place ou colorie la pièce de puzzle correspondante sur la mosaïque comme l'indique le modèle ci-dessous.

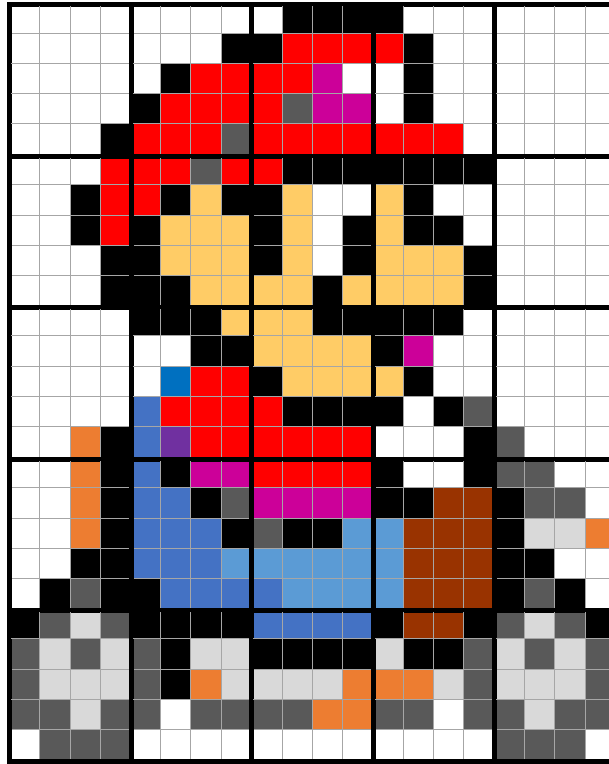
$A = 5(3x + 2)$ 	$B = x(2 - 3x)$ 	$C = 5x \times 7x$ 
$D = (4x + 2)(3x + 1)$ 	$E = 20 - (15 + 7x)$ 	$F = 4(3x - 7) + 15$ 
$G = 4 - 2x(3x - 5)$ 	$H = (5x - 4) \times 3$ 	$I = 4(2x + 3) + 5(4x + 6)$ 
$J = (x - 7) - (2x + 4)$ 	$K = 4(2x - 3) - 8$ 	$L = (3y + 3)(x - 4)$ 
$M = 5x(3y - 2) - (3y + 12)$ 	$N = (3x - 2)(5x - 4)$ 	$P = 3x - 5x^2 - 7x + 12x^2$ 
$Q = 3 \times 2y - 5x \times 3y - (-3x + 4)$ 	$R = (2x - 5)(4x - 7)$ 	$S = 3x - 1 - (5x^2 + 3x)$ 
$T = (3x - 4)(-5x + 4)$ 	$U = 2x \times (-3) \times (-6x)$ 	$V = 3x \times 5 - 2 \times 4x^2 - (4x - 9)$ 
$W = (2 - 3x)(-2x - 7)$ 	$X = x(3y - 2) - y(5x + 9)$ 	$Y = 4x^2 - 7x + 5 - 2x^2 + 12x - 9$ 
$Z = 7x - (4x - 9) + (5 - 8x)$ 		

Disposition des pièces de puzzle sur la grille

$15x - 12$	$15xy - 10x - 3y - 12$	$- 5x^2 - 1$	$36x^2$	$2x^2 + 5x - 4$
$35x^2$	$- x - 11$	$15x + 10$	$6x^2 + 17x - 14$	$12x^2 + 10x + 2$
$7x^2 - 4x$	$5 - 7x$	$28x + 42$	$8x^2 - 34x + 35$	$- 8x^2 + 11x + 9$
$- 5x + 14$	$15x^2 - 22x + 8$	$2x - 3x^2$	$- 6x^2 + 10x + 4$	$12x - 13$
$- 2xy - 2x - 9y$	$- 15xy + 3x + 6y - 4$	$- 15x^2 + 32x - 16$	$3xy + 3x - 12y - 12$	$8x - 20$

Grille à compléter ou colorier





Réponses

$A = 15x + 10$	$B = 2x - 3x^2$	$C = 35x^2$
$D = 12x^2 + 10x + 2$	$E = 5 - 7x$	$F = 12x - 13$
$G = -6x^2 + 10x + 4$	$H = 15x - 12$	$I = 28x + 42$
$J = -x - 11$	$K = 8x - 20$	$L = 3xy + 3x - 12y - 12$
$M = 15xy - 10x - 3y - 12$	$N = 15x^2 - 22x + 8$	$P = 7x^2 - 4x$
$Q = -15xy + 3x + 6y - 4$	$R = 8x^2 - 34x + 35$	$S = -5x^2 - 1$
$T = -15x^2 + 32x - 16$	$U = 36x^2$	$V = -8x^2 + 11x + 9$
$W = 6x^2 + 17x - 14$	$X = -2xy - 2x - 9y$	$Y = 2x^2 + 5x - 4$
$Z = -5x + 14$		