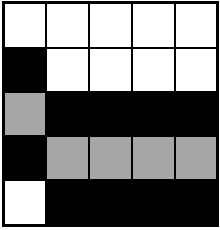
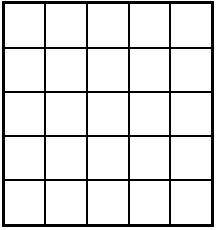
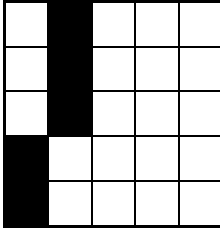
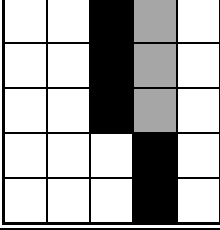
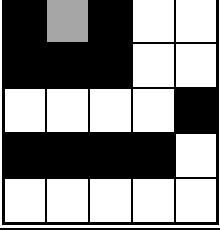
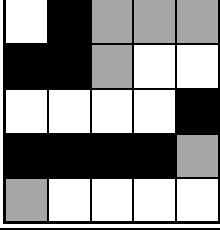
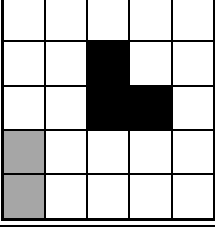
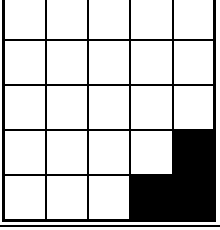
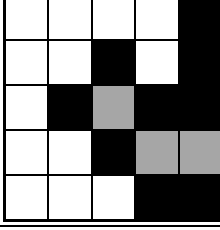
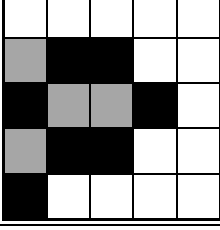
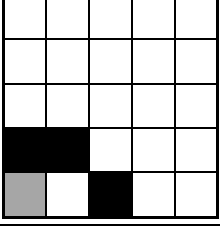
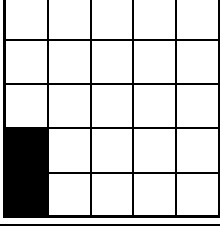
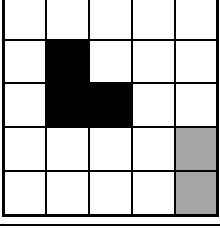
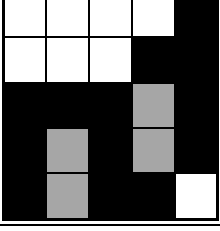
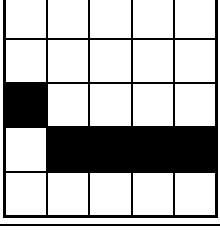
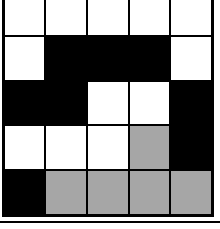
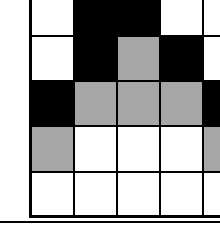
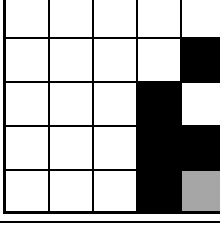
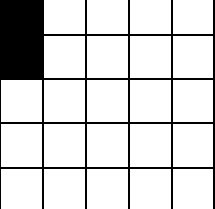
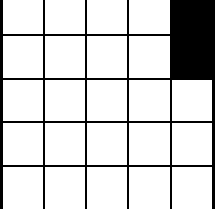

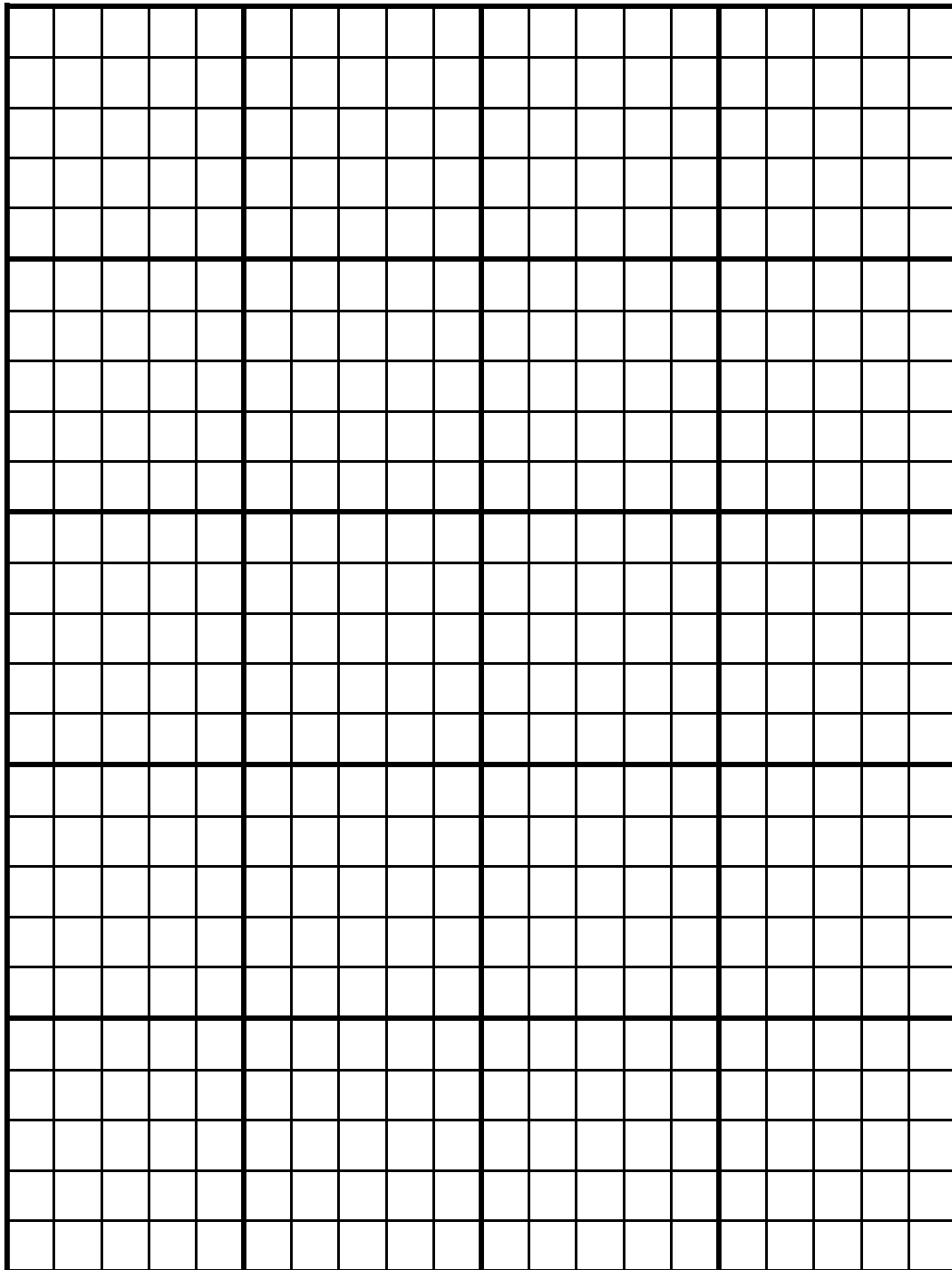


4^{ème} - Simplifier, réduire et ordonner une expression littérale

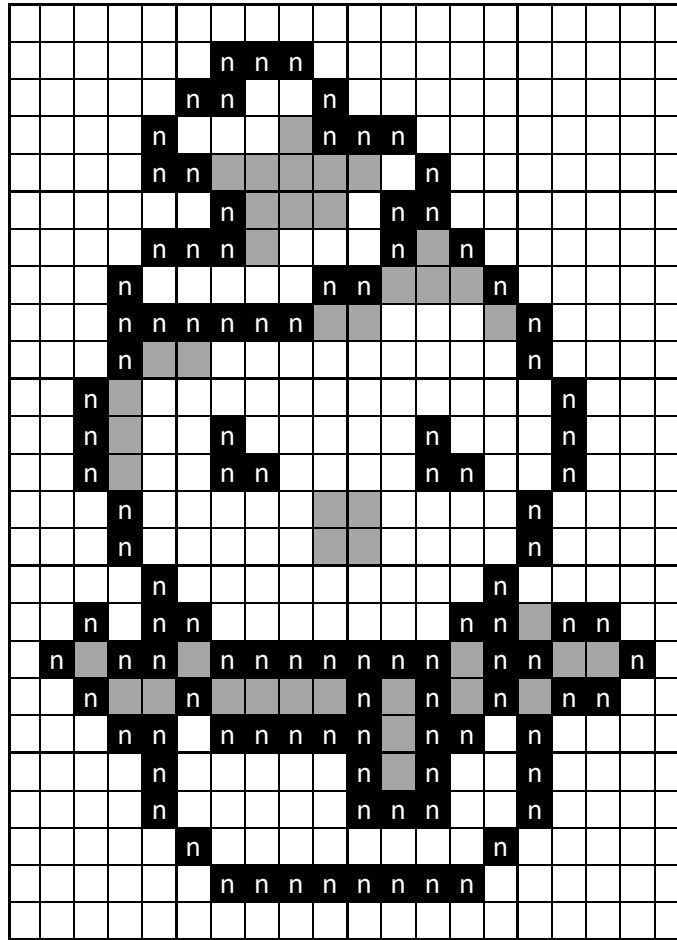
$A = 7 + 5 \times x - 2$ 	$B = 5 \times x + 2 \times 7 + 3 \times x$ 	$C = 5x \times 7x + 2 \times 2x$ 
$D = 4x + 2 - 3x + 1$ 	$E = 2x + 10 - 15 + 7x$ 	$F = 7 + 3x - 4 - 5x$ 
$G = 4 - 2x^2 - 3x + 5x^2$ 	$H = 5x^2 - 4 \times 3x$ 	$I = x \times 2x + 3 + 5x^2 - 6x$ 
$J = 6x - 7x^2 - 2x + 4$ 	$K = 2x^2 + (-4) - (-8x)$ 	$L = 3y + 3 + x - 4$ 
$M = (3y - 2) + (y + 5)$ 	$N = (3x - 2) - (5x - 4)$ 	$P = (3x - 5x^2) - (12x - 7)$ 
$Q = 3 \times 2y - 5x \times 3 - (-3x)$ 	$R = (4x - 5) - (3x + 7)$ 	$S = 3x - 1 + (5x^2 - 3x)$ 
$T = (3x^2 - 4) + (-5x \times x + 4)$ 	$U = 1 - (2 - 3x) - (-2x - 7)$ 	<div style="text-align: right;"> <p>déc 2024</p> <p>I.GUILLOT Collège Vallée de la Beaume, Joyeuse (07)</p> <p>isabelle.guilLOT@ac- grenoble.fr</p> </div> 

Colorier chaque pièce dans la grille ci-dessous, en respectant les emplacements indiqués :

$5x^2 - 12x$	$-12x + 6y$	$2x^2 + 8x - 4$	$8x + 14$
$5x^2 - 1$	$-2x + 3$	$x - 12$	$x + 3y - 1$
$x + 3$	$4y + 3$	$3x^2 - 3x + 4$	$35x^2 + 4x$
$7x^2 - 6x + 3$	$5x + 5$	$-2x + 2$	$-7x^2 + 4x + 4$
$5x + 6$	$-5x^2 - 9x + 7$	$9x - 5$	$-2x^2$



CORRECTION



Réponses

$A = 5x + 5$	$B = 8x + 14$	$C = 35x^2 + 4x$
$D = x + 3$	$E = 9x - 5$	$F = -2x + 3$
$G = 3x^2 - 3x + 4$	$H = 5x^2 - 12x$	$I = 7x^2 - 6x + 3$
$J = -7x^2 + 4x + 4$	$K = 2x^2 + 8x - 4$	$L = x + 3y - 1$
$M = 4y + 3$	$N = -2x + 2$	$P = -5x^2 - 9x + 7$
$Q = -12x + 6y$	$R = x - 12$	$S = 5x^2 - 1$
$T = -2x^2$	$U = 5x + 6$	