Développer si besoin et réduire les expressions suivantes.

$A = 5x^2 - 4 - 6x + 7 + 9x - x^2 + 9$

$B = 3 - y^2 + 5y - 9y + 1$

$C = -4a + 3 + 5a^2 + 4a - 7 + a^2$

$D = 5(2x + 10).$

$E = -9(9x + 5).$

$F = -8(3x - 1).$

$G = 10(-7x - 2).$

$H = -8(-10x + 6).$

$I = 4x^2 - 3x + 5 + 2(7x - 9)$

$J = -7(3x - 4) - 5(-2x + 9)$

$K = (5 - 2x)(4x - 1).$

$L = (10x - 7)(5x - 2).$

$M = (10 - 3x)(5x - 3).$

$N = (5 - 4x)(-3x - 9).$

$P = (3x + 2)(9x + 6).$

$Q = (8x - 1)(x + 7)$

$R = (6x - 5)(9x + 7)$

$S = (2x - 11)(3x - 5)$

$T = 5(-4x - 1)(3x - 7)$

$U = -2(13x + 3)(2x - 5)$

$V = (-5x - 3)(x + 7) - (x - 4)(x + 4).$

$W = (x - 10)(2x + 3) - (3x + 1)(x + 10).$

$X = -5(7x + 7)(5x - 2) - 3(x + 5)(2x + 7).$

$Y = (3x - 8)(2x - 9) + 4(3 - 5x)(4x + 8).$

$Z = -3(5x + 5)(2 - x) - 4(5x + 4)(2x + 1).$

$A_1 = \frac{2}{3}\left(\frac{9x}{10} + \frac{1}{4}\right).$

$B_1 = -15\left(\frac{x}{5} - \frac{5}{3}\right).$

$C_1 = 9\left(-\frac{3x}{2} - 2\right).$

$D_1 = \frac{1}{5}\left(5 - \frac{x}{7}\right).$

$E_1 = -8\left(\frac{x}{2} - 1\right).$

$F_1 = \left(5 - \frac{3x}{2}\right)\left(\frac{5x}{2} - 1\right).$

$G_1 = \left(\frac{9}{5} - x\right)\left(\frac{x}{2} + \frac{1}{7}\right).$

$H_1 = \left(\frac{9x}{10} - \frac{4}{5}\right)\left(\frac{7x}{2} + \frac{1}{2}\right).$

$I_1 = \left(\frac{4}{3} - 2x\right)\left(-\frac{3x}{5} - \frac{2}{3}\right).$

$J_1 = \left(1 - \frac{5x}{4}\right)\left(\frac{5x}{3} + \frac{5}{4}\right).$