27 Développe puis réduis les expressions.

$A = x(x + 6) - x$

$A = x^2 + 6x - x$

$A = x^2 + 5x$

$B = x(y - 2) + xy$

$B = xy - 2x + xy$

$B = 2xy - 2x$

$C = 3x(x + 4) - 6x^2$

$C = 3x^2 + 12x - 6x^2$

$C = -3x^2 + 12x$

$D = 9x(x^2 - 6) + 2x^2$

$D = 9x^3 - 54x + 2x^2$

$D = 9x^3 + 2x^2 - 54x$

$E = 5x(3 + 5x) + x(5 + x) + 4x(2x + 1)$

$E = 15x + 25x^2 + 5x + x^2 + 8x^2 + 4x$

$E = 34x^2 + 24x$

$F = 7x(3x - 5) - 6x(8 + 7x)$

$= 21x^2 - 35x - 48x - 54x^2$

$= -33x^2 - 83x$

$G = 9(3 + 9x) + 4x^2(7 - 12x) - 11x(-5 + 8x)$

$= 27 + 81x + 28x^2 - 48x^3 - 55x - 88x^2$

$= -48x^2 - 60x^2 + 26x + 27$