Correction des exercices de développement

$A(x) = 2x(-7x + 4) = \boxed{-14x^2 + 8x}$

$B(x) = 3(6x - 8) - (-9 - 6x) = 18x - 24 + 9 + 6x = \boxed{24x - 15}$

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

$D(x) = 3 + (-9x + 5)(4x + 7) = 3 + \left[-36x^2 - 63x + 20x + 35\right] = 3 - 36x^2 - 63x + 20x + 35 = \boxed{-36x^2 - 43x + 38}$

$E(x) = (3x + 2)(-6x - 7) = -18x^2 - 21x - 12x - 14 = \boxed{-18x^2 - 33x - 14}$

$F(x) = (3x + 5)(7x - 2) - (9x + 2)(3x - 8) = \left[21x^2 - 6x + 35x - 10\right] - \left[27x^2 - 72x + 6x - 16\right]$
$= \left[21x^2 + 29x - 10\right] - \left[27x^2 - 66x - 16\right]$
$= 21x^2 + 29x - 10 - 27x^2 + 66x + 16 = \boxed{-6x^2 + 95x + 6}$