

Correction du contrôle

$$A(x) = (x+1)(x+3) = x^2 + 3x + x + 3 = \boxed{x^2 + 4x + 3}$$

$$B(x) = (2x+8)(x+5) = 2x^2 + 10x + 8x + 40 = \boxed{2x^2 + 18x + 40}$$

$$C(x) = (4x-1)(x+2) = 4x^2 + 8x - x - 2 = \boxed{4x^2 + 7x - 2}$$

$$D(x) = (5x+4)(4x+7) = 20x^2 + 35x + 16x + 28 = \boxed{20x^2 + 51x + 28}$$

$$E(x) = (4x+3)(3x-2) = 12x^2 - 8x + 9x - 6 = \boxed{12x^2 + x - 6}$$

$$F(x) = (7x-4)(2x-1) = 14x^2 - 7x - 8x + 4 = \boxed{14x^2 - 15x + 4}$$