

Correction niveau 1 (double distributivité)

$$A = (x + 5)(x + 8)$$

$$A = x^2 + 8x + 5x + 40$$

$$A = x^2 + 13x + 40$$

$$C = (5 + 7x)(2x - 3)$$

$$C = 10x - 15 + 14x^2 - 21x$$

$$C = 14x^2 - 11x - 15$$

$$B = (2x + 3)(4x + 6)$$

$$B = 8x^2 + 12x + 12x + 18$$

$$B = 8x^2 + 24x + 18$$

Correction niveau 2 (double distributivité)

$$D = (6 - 3x)(5 - 4x)$$

$$D = 30 - 24x - 15x + 12x^2$$

$$D = 12x^2 - 39x + 30$$

$$F = (5 + 3x)^2$$

$$F = (5 + 3x)(5 + 3x)$$

$$F = 25 + 15x + 15x + 9x^2$$

$$F = 9x^2 + 30x + 25$$

$$E = (7x + 1)(2x - 8)$$

$$E = 14x^2 - 56x + 2x - 8$$

$$E = 14x^2 - 54x - 8$$

Correction niveau 3 (double distributivité)

$$G = (6x - 9)^2$$

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

$$G = (6x - 9)(6x - 9)$$

$$I = (7 - x)(7 - x) - (9x - 5)$$

$$G = 36x^2 - 54x - 54x + 81$$

$$I = 49 - 7x - 7x + x^2 - 9x + 5$$

$$G = 36x^2 - 108x + 81$$

$$I = x^2 - 23x + 54$$

$$H = (4 - 6x)(8 - x) + 3x(9x - 5)$$

$$H = 32 - 4x - 48x + 6x^2 + 27x^2 - 15x$$

$$H = 33x^2 - 67x + 32$$

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