

Moyenne de la classe sur les deux évaluations : 14,13

note la plus haute : 19,5
note la plus basse : 7,5**Factoriser et réduire :**

$$A(x) = (3x - 2)^2 - 16(x + 1)^2$$

$$A(x) = (3x - 2)^2 - [4(x + 1)]^2$$

$$A(x) = [(3x - 2) - 4(x + 1)][(3x - 2) + 4(x + 1)]$$

$$A(x) = (3x - 2 - 4x - 4)(3x - 2 + 4x + 4)$$

$$A(x) = (-x - 6)(7x + 2)$$

(sur 2)

$$c(x) = (25x^2 - 30x + 9) - (5x - 3)$$

$$C(x) = (5x - 3)^2 - (5x - 3)$$

$$C(x) = (5x - 3)^2 - (5x - 3) \times 1$$

$$C(x) = (5x - 3)[(5x - 3) - 1]$$

$$C(x) = (5x - 3)(5x - 4)$$

(sur 2)

$$B(x) = (2x - 5)(2x + 3) - (5 - 2x)(x - 1)$$

$$B(x) = (2x - 5)(2x + 3) + (2x - 5)(x - 1)$$

$$B(x) = (2x - 5)[(2x + 3) + (x - 1)]$$

$$B(x) = (2x - 5)(3x + 2) \quad (\text{sur } 1,5)$$

$$D(x) = 36 - 49x^2 - (7x - 6)(x + 2) + 12 - 14x \quad (\text{sur } 2,5)$$

$$D(x) = (6 - 7x)(6 + 7x) + (6 - 7x)(x + 2) + 2(6 - 7x)$$

$$D(x) = (6 - 7x)[(6 + 7x) + (x + 2) + 2]$$

$$D(x) = (6 - 7x)(8x + 10)$$

$$D(x) = 2(6 - 7x)(4x + 5)$$

$$E(x) = (5 - 3x)(2x - 4) - (25 - 9x^2)(x - 2) + (5 - 3x)(x^2 - 4x + 4) = 2(5 - 3x)(x - 2) - (5 - 3x)(5 + 3x)(x - 2) + (5 - 3x)(x - 2)^2$$

$$E(x) = (5 - 3x)(x - 2)[2 - (5 + 3x) + (x - 2)] = (5 - 3x)(x - 2)[2 - 5 - 3x + x - 2]$$

$$E(x) = (5 - 3x)(x - 2)(-2x - 5)$$