

La double distributivité

Développer les expressions suivantes

Exercice n°1 :

$$A = (2x + 5)(3x + 2)$$

$$B = (4x + 8)(x + 10)$$

$$C = (2x + 1)(6x + 1)$$

$$D = (4a + 3)(4a + 3)$$

$$E = (x + 4)(x + 7)$$

Exercice n°2 :

$$A = (3x + 9)(2x - 7)$$

$$B = (x - 7)(x + 5)$$

$$C = (6a + 1)(4a - 9)$$

$$D = (5x + 6)(5x - 6)$$

$$E = (8 - 3y)(3 + 8y)$$

Exercice n°3 :

$$A = (x - 8)(x - 10)$$

$$B = (2x - 8)(4x - 1)$$

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

$$D = (1 - 3y)(4 - 2y)$$

$$E = (x - 1)(3x - 7)$$

Exercice n°4 :

$$A = (2x + 7)(4x - 2) + 7(6x - 9)$$

$$B = 2(8x + 2) + (4x + 5)(7x - 2)$$

$$C = (2x - 9)(4x - 5) - 7(3x - 10)$$

$$D = (8y + 5)(2y + 3) + (6y - 10)(y - 1)$$

$$E = (x - 7)(3x + 10) + (9x - 1)(x - 6)$$