

EXERCICE 1

Réduire les expressions suivantes :

$$A = (2x^2 + 3x + 5) - (x^2 + 2x - 4)$$

$$A = 2x^2 - x^2 + 3x + 2x + 5 - 4$$

$$A = 1x^2 + 5x + 1$$

$$B = (6x^2 - 5x + 9) - (7x^2 + 3x - 3)$$

$$B = 6x^2 - 7x^2 - 5x + 3x + 9 - 3$$

$$B = -1x^2 - 2x + 6$$

$$C = (6x - 5x^2 + 7) - (x^2 + 3x - 12)$$

$$C = -5x^2 - x^2 + 6x + 3x + 7 - 12$$

$$C = -6x^2 + 9x - 5$$

$$D = (5 + 6x - 3) + (7x^2 - x - 9) + (x^2 - 12x^2 - 4x - 10)$$

$$D = 7x^2 + x^2 - 12x^2 + 6x - x - 4x + 5 - 3 - 9$$

$$D = -4x^2 + 2x - 17$$

$$E = (x^3 + 6 - 8x + x^2 - 3x^3 - 5) + (3x^2 - 3x - 2x^2)$$

$$E = x^3 - 3x^3 + x^2 + 3x^2 - 2x^2 - 8x - 3x$$

$$E = -2x^3 - 2x^2 - 11x + 1 + 6 - 5$$

EXERCICE 2

Réduire les expressions suivantes :

$$A = (4x^2 - 6x + 8) - (3x^2 + 9x - 2)$$

$$A = 4x^2 - 3x^2 - 6x + 9x + 8 - 2$$

$$A = x^2 + 3x + 6$$

$$B = (-8x^2 + 7x - 3) + (4x^2 - 9x + 11)$$

$$B = -8x^2 + 4x^2 + 7x - 9x - 3 + 11$$

$$B = -4x^2 - 2x + 8$$

$$C = (-4x + x^2 - 6) + (5x^2 + 3x - 10) - (8x^2 + 2x)$$

$$C = x^2 + 5x^2 - 8x^2 - 4x + 3x + 2x - 6$$

$$C = -2x^2 + x - 16$$