

**OPERACIONES CON POLINOMIOS****EJERCICIO 1:** Realiza las siguientes sumas de polinomios.

$$\begin{array}{r} 4x^3 - 5x^2 - 7x + 10 \\ x^3 - 2x^2 + x - 12 \\ \hline x^3 \quad x^2 \quad x \end{array}$$

$$\begin{array}{r} x^3 \quad \quad -8x + 1 \\ x^3 - 2x^2 + 7x - 9 \\ \hline x^3 \quad x^2 \quad x \end{array}$$

**EJERCICIO 2:** Elimina paréntesis y suma los monomios semejantes.

$$\begin{aligned} a) & (5x^3 - 7x^2 - x + 3) + (6x^2 - 2x - 1) = \\ & = 5x^3 - 7x^2 - x + 3 \quad 6x^2 \quad 2x \quad 1 = \\ & = x^3 \quad x^2 \quad x \end{aligned}$$

$$\begin{aligned} b) & (-2x^3 + 3x^2 + 5x - 11) - (7x^3 - x^2 + 8x - 3) = \\ & = -2x^3 + 3x^2 + 5x - 11 \quad 7x^3 \quad x^2 \quad 8x \quad 3 = \\ & = x^3 \quad x^2 \quad x \end{aligned}$$

$$\begin{aligned} c) & 3 \cdot (-2x^3 + 3x^2 + 5x - 11) = \\ & = x^3 \quad x^2 \quad x = \end{aligned}$$

$$\begin{aligned} d) & 5x \cdot (-2x^3 + 3x^2 + 5x - 11) = \\ & = \end{aligned}$$

$$\begin{aligned} e) & -7x^3 \cdot (-2x^3 + 3x^2 + 5x - 11) = \\ & = \end{aligned}$$