

OPERACIONES DE POLINOMIOS (3)

Sean los polinomios dados por:

$$A = 2x^2 - 3x + 5 \quad ; \quad B = x^2 + 4x - 1 \quad ; \quad C = 3x^2 + 3x - 2 \quad ; \quad D = 2x + 1$$

Calcula:

- $A - B + C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $A + B - C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $2A + 3B - 2C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $3A - 2B + C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $A \cdot D = \underline{\hspace{1cm}} x^3 + \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $B \cdot D = \underline{\hspace{1cm}} x^3 + \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $C \cdot D = \underline{\hspace{1cm}} x^4 + \underline{\hspace{1cm}} x^3 + \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$

Sean los polinomios dados por:

$$A = 3x^2 + 2x - 5 \quad ; \quad B = 2x^2 - 3x + 1 \quad ; \quad C = x^2 + x - 1 \quad ; \quad D = 3x - 2$$

Calcula:

- $A - B + C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $A + B - C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $2A + 3B - 2C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $3A - 2B + C = \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $A \cdot D = \underline{\hspace{1cm}} x^3 + \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $B \cdot D = \underline{\hspace{1cm}} x^3 + \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$
- $C \cdot D = \underline{\hspace{1cm}} x^4 + \underline{\hspace{1cm}} x^3 + \underline{\hspace{1cm}} x^2 + \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$