

Nombre: _____

5. Opera y reduce:

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

$$\begin{aligned} \text{b) } & 5(3x^2 + x)^2 - 2(x^3 - x^2)^2 = \\ & = \quad x^6 \quad \quad x^5 \quad \quad x^4 \quad \quad x^3 \quad \quad x^2 \end{aligned}$$

$$\begin{aligned} \text{c) } & (2x^2 - 3x + 1) \cdot (-x^2 - x - 1) - (2x + 3) \\ & = \quad x^4 \quad \quad x^3 \quad \quad x^2 \quad \quad x \end{aligned}$$

$$d) (4x - 8)^2 \cdot 2 + 5(1 - x)^2 =$$

$$= x^2 \quad x$$

$$e) (x^2 - x + 3) \cdot (x^2 - x + 2) + 1 =$$

$$= x^4 \quad x^3 \quad x^2 \quad x$$

$$f) 3(x + 1)^2 - (x - 2)^2 =$$

$$= x^2 \quad x$$

$$g) (2x^3 - 6x + 1) \cdot (x - 1) + (x + 1)(x - 1) =$$

$$= \quad \mathbf{x^4} \quad \mathbf{x^3} \quad \mathbf{x^2} \quad \mathbf{x}$$

$$h) 4(x - 7)^2 - (2x + 3)^2 =$$

$$= \quad \mathbf{x}$$