

## Multiplicar Dos Polinomios (C)

Simplifique cada expresión.

1.  $(5w^4 - 8w^3 - 7w^2)(6w^5 - 3w^4 + 8w^3)$

2.  $(2b^2 - 8b - 6)(-3b^2 + 6b + 3)$

3.  $(2v^4 + v^3 - 4v^2)(-2v^5 + 8v^4 - 4v^3)$

4.  $(-6m^5 + 7m^4 + 7m^3)(-m^3 + 4m^2 + 8m)$

5.  $(4x^5 + 6x^4 + 7x^3)(8x^5 + 3x^4 - 6x^3)$

## Multiplicar Dos Polinomios (C) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (5w^4 - 8w^3 - 7w^2)(6w^5 - 3w^4 + 8w^3) \\ & = 30w^9 - 63w^8 + 22w^7 - 43w^6 - 56w^5 \end{aligned}$$

$$\begin{aligned} 2. & (2b^2 - 8b - 6)(-3b^2 + 6b + 3) \\ & = -6b^4 + 36b^3 - 24b^2 - 60b - 18 \end{aligned}$$

$$\begin{aligned} 3. & (2v^4 + v^3 - 4v^2)(-2v^5 + 8v^4 - 4v^3) \\ & = -4v^9 + 14v^8 + 8v^7 - 36v^6 + 16v^5 \end{aligned}$$

$$\begin{aligned} 4. & (-6m^5 + 7m^4 + 7m^3)(-m^3 + 4m^2 + 8m) \\ & = 6m^8 - 31m^7 - 27m^6 + 84m^5 + 56m^4 \end{aligned}$$

$$\begin{aligned} 5. & (4x^5 + 6x^4 + 7x^3)(8x^5 + 3x^4 - 6x^3) \\ & = 32x^{10} + 60x^9 + 50x^8 - 15x^7 - 42x^6 \end{aligned}$$