

## Multiplicar Dos Polinomios (A)

Simplifique cada expresión.

1.  $(3x - 5)(-7x^4 - 4x^3 + 3x^2)$

2.  $(-5n^3 - 6n^2)(5n^2 - 8n + 6)$

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

4.  $(-p^4 + 9p^3)(p^4 + 3p^3 - 3p^2)$

5.  $(-7w + 3)(4w^5 - w^4 + 5w^3)$

## Multiplicar Dos Polinomios (A) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (3x - 5)(-7x^4 - 4x^3 + 3x^2) \\ & = -21x^5 + 23x^4 + 29x^3 - 15x^2 \end{aligned}$$

$$\begin{aligned} 2. & (-5n^3 - 6n^2)(5n^2 - 8n + 6) \\ & = -25n^5 + 10n^4 + 18n^3 - 36n^2 \end{aligned}$$

$$\begin{aligned} 3. & (-p^5 + 4p^4)(-2p^3 - 7p^2 - 8p) \\ & = 2p^8 - p^7 - 20p^6 - 32p^5 \end{aligned}$$

$$\begin{aligned} 4. & (-p^4 + 9p^3)(p^4 + 3p^3 - 3p^2) \\ & = -p^8 + 6p^7 + 30p^6 - 27p^5 \end{aligned}$$

$$\begin{aligned} 5. & (-7w + 3)(4w^5 - w^4 + 5w^3) \\ & = -28w^6 + 19w^5 - 38w^4 + 15w^3 \end{aligned}$$