

## Multiplicar Dos Polinomios (G)

Simplifique cada expresión.

1.  $(-5q^3 + 8q^2 + 7q)(5q^3 - 9q^2 + 4q)$

2.  $(2w^5 - 2w^4 - 4w^3)(-4w^4 - 2w^3 + w^2)$

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

4.  $(8s^5 - 6s^4 - 5s^3)(s^4 - 3s^3 - 5s^2)$

5.  $(-6z^5 + 3z^4 + 9z^3)(8z^5 + z^4 + 7z^3)$

## Multiplicar Dos Polinomios (G) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-5q^3 + 8q^2 + 7q)(5q^3 - 9q^2 + 4q) \\ & = -25q^6 + 85q^5 - 57q^4 - 31q^3 + 28q^2 \end{aligned}$$

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

$$\begin{aligned} 3. & (-3w^3 + 6w^2 + 2w)(8w^4 + w^3 - 4w^2) \\ & = -24w^7 + 45w^6 + 34w^5 - 22w^4 - 8w^3 \end{aligned}$$

$$\begin{aligned} 4. & (8s^5 - 6s^4 - 5s^3)(s^4 - 3s^3 - 5s^2) \\ & = 8s^9 - 30s^8 - 27s^7 + 45s^6 + 25s^5 \end{aligned}$$

$$\begin{aligned} 5. & (-6z^5 + 3z^4 + 9z^3)(8z^5 + z^4 + 7z^3) \\ & = -48z^{10} + 18z^9 + 33z^8 + 30z^7 + 63z^6 \end{aligned}$$