

## Multiplicar Tres Polinomios (E)

Simplifique cada expresión.

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

2.  $(-5b^2 + 9b)(-6b^3 - b^2)(-9b^5 + 2b^4 + 5b^3)$

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

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

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

## Multiplicar Tres Polinomios (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (8w^4 - 7w^3)(-3w + 2)(6w^3 - 2w^2 + 4w) \\ & = -144w^8 + 270w^7 - 254w^6 + 176w^5 - 56w^4 \end{aligned}$$

$$\begin{aligned} 2. & (-5b^2 + 9b)(-6b^3 - b^2)(-9b^5 + 2b^4 + 5b^3) \\ & = -270b^{10} + 501b^9 + 133b^8 - 263b^7 - 45b^6 \end{aligned}$$

$$\begin{aligned} 3. & (-5b^3 - 4b^2)(-7b^4 + 7b^3)(-b^5 + 5b^4 + 6b^3) \\ & = -35b^{12} + 182b^{11} + 203b^{10} - 182b^9 - 168b^8 \end{aligned}$$

$$\begin{aligned} 4. & (3q^5 - 9q^4)(5q^3 - 8q^2)(5q^4 + q^3 - q^2) \\ & = 75q^{12} - 330q^{11} + 276q^{10} + 141q^9 - 72q^8 \end{aligned}$$

$$\begin{aligned} 5. & (8d^3 + 5d^2)(6d + 3)(6d^3 - 2d^2 + 5d) \\ & = 288d^7 + 228d^6 + 222d^5 + 240d^4 + 75d^3 \end{aligned}$$