

## Multiplicar Tres Polinomios (D)

Simplifique cada expresión.

1.  $(5k^3 - 7k^2)(-9k^3 + 5k^2)(3k^4 - 6k^3)$

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

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

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

5.  $(8c^3 + 8c^2)(-5c^3 + 5c^2)(-8c + 5)$

## Multiplicar Tres Polinomios (D) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (5k^3 - 7k^2)(-9k^3 + 5k^2)(3k^4 - 6k^3) \\ & = -135k^{10} + 534k^9 - 633k^8 + 210k^7 \end{aligned}$$

$$\begin{aligned} 2. & (-8z^4 - 3z^3)(-z^2 + 7z)(7z^2 - 6z) \\ & = 56z^8 - 419z^7 + 171z^6 + 126z^5 \end{aligned}$$

$$\begin{aligned} 3. & (a^5 + 8a^4)(-5a^5 + 4a^4)(-4a^2 - 7a) \\ & = 20a^{12} + 179a^{11} + 124a^{10} - 224a^9 \end{aligned}$$

$$\begin{aligned} 4. & (6m + 6)(9m^5 + 3m^4)(m^5 + 2m^4) \\ & = 54m^{11} + 180m^{10} + 162m^9 + 36m^8 \end{aligned}$$

$$\begin{aligned} 5. & (8c^3 + 8c^2)(-5c^3 + 5c^2)(-8c + 5) \\ & = 320c^7 - 200c^6 - 320c^5 + 200c^4 \end{aligned}$$