

## Multiplicar Tres Polinomios (E)

Simplifique cada expresión.

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

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

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

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

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

## Multiplicar Tres Polinomios (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-4k^5 - 9k^4)(5k^4 - 9k^3)(-8k^3 - 7k^2) \\ & = 160k^{12} + 212k^{11} - 585k^{10} - 567k^9 \end{aligned}$$

$$\begin{aligned} 2. & (6d^5 + 6d^4)(-9d^3 + 2d^2)(d + 3) \\ & = -54d^9 - 204d^8 - 114d^7 + 36d^6 \end{aligned}$$

$$\begin{aligned} 3. & (-4s^5 - 7s^4)(s^2 - 5s)(-6s + 2) \\ & = 24s^8 - 86s^7 - 184s^6 + 70s^5 \end{aligned}$$

$$\begin{aligned} 4. & (-5b^3 + b^2)(3b^4 + 5b^3)(b^5 - 8b^4) \\ & = -15b^{12} + 98b^{11} + 181b^{10} - 40b^9 \end{aligned}$$

$$\begin{aligned} 5. & (-8w^5 + 9w^4)(9w^4 + 6w^3)(-8w^4 + 8w^3) \\ & = 576w^{13} - 840w^{12} - 168w^{11} + 432w^{10} \end{aligned}$$