

## Multiplicar Tres Polinomios (F)

Simplifique cada expresión.

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

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

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

4.  $(4x^3 - 6x^2)(5x^3 + 4x^2)(8x^4 + x^3 + 9x^2)$

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

## Multiplicar Tres Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (5y^5 + 9y^4)(-8y^3 + 2y^2)(9y^4 - y^3 - 9y^2) \\ & = -360y^{12} - 518y^{11} + 584y^{10} + 540y^9 - 162y^8 \end{aligned}$$

$$\begin{aligned} 2. & (z - 2)(-4z - 8)(-4z^5 - 6z^4 - z^3) \\ & = 16z^7 + 24z^6 - 60z^5 - 96z^4 - 16z^3 \end{aligned}$$

$$\begin{aligned} 3. & (-8b^4 - 7b^3)(-8b^2 - 8b)(2b^3 + 3b^2 - 3b) \\ & = 128b^9 + 432b^8 + 280b^7 - 192b^6 - 168b^5 \end{aligned}$$

$$\begin{aligned} 4. & (4x^3 - 6x^2)(5x^3 + 4x^2)(8x^4 + x^3 + 9x^2) \\ & = 160x^{10} - 92x^9 - 26x^8 - 150x^7 - 216x^6 \end{aligned}$$

$$\begin{aligned} 5. & (g^3 + 7g^2)(-7g^5 - 6g^4)(3g^5 + 5g^4 + 6g^3) \\ & = -21g^{13} - 200g^{12} - 443g^{11} - 540g^{10} - 252g^9 \end{aligned}$$