

## Multiplicar Tres Polinomios (H)

Simplifique cada expresión.

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

2.  $(4b^4 + 7b^3)(6b^3 - 6b^2)(8b^5 - 7b^4 + 3b^3)$

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

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

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

## Multiplicar Tres Polinomios (H) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (9m + 7)(-m^5 + 4m^4)(7m^5 - 3m^4 + 6m^3) \\ & = -63m^{11} + 230m^{10} + 55m^9 + 90m^8 + 168m^7 \end{aligned}$$

$$\begin{aligned} 2. & (4b^4 + 7b^3)(6b^3 - 6b^2)(8b^5 - 7b^4 + 3b^3) \\ & = 192b^{12} - 24b^{11} - 390b^{10} + 348b^9 - 126b^8 \end{aligned}$$

$$\begin{aligned} 3. & (-6x + 8)(-4x^5 + 8x^4)(3x^3 - 9x^2 + x) \\ & = 72x^9 - 456x^8 + 936x^7 - 656x^6 + 64x^5 \end{aligned}$$

$$\begin{aligned} 4. & (4m^5 + 4m^4)(8m^4 + 5m^3)(m^2 + 7m - 1) \\ & = 32m^{11} + 276m^{10} + 352m^9 + 88m^8 - 20m^7 \end{aligned}$$

$$\begin{aligned} 5. & (4v - 4)(-5v^4 - 8v^3)(6v^2 + 9v + 9) \\ & = -120v^7 - 252v^6 - 96v^5 + 180v^4 + 288v^3 \end{aligned}$$