

Multiplicar Dos Polinomios (H)

Simplifique cada expresión.

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

2. $(-7t^4 - 6t^3 - 9t^2)(9t^2 - 5t - 9)$

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

4. $(-8v^2 + 3v - 1)(v^5 + 6v^4 - 2v^3)$

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

Multiplicar Dos Polinomios (H) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (5s^5 - 5s^4 - 5s^3)(3s^5 + 9s^4 - 2s^3) \\ & = 15s^{10} + 30s^9 - 70s^8 - 35s^7 + 10s^6 \end{aligned}$$

$$\begin{aligned} 2. & (-7t^4 - 6t^3 - 9t^2)(9t^2 - 5t - 9) \\ & = -63t^6 - 19t^5 + 12t^4 + 99t^3 + 81t^2 \end{aligned}$$

$$\begin{aligned} 3. & (7x^4 + 6x^3 + 5x^2)(9x^3 + x^2 - x) \\ & = 63x^7 + 61x^6 + 44x^5 - x^4 - 5x^3 \end{aligned}$$

$$\begin{aligned} 4. & (-8v^2 + 3v - 1)(v^5 + 6v^4 - 2v^3) \\ & = -8v^7 - 45v^6 + 33v^5 - 12v^4 + 2v^3 \end{aligned}$$

$$\begin{aligned} 5. & (-7x^2 - 2x - 6)(-5x^4 - 8x^3 - x^2) \\ & = 35x^6 + 66x^5 + 53x^4 + 50x^3 + 6x^2 \end{aligned}$$