

Multiplicar Tres Polinomios (D)

Simplifique cada expresión.

1. $(-8g + 1)(-4g^2 - 6g)(9g^4 - g^3 + 6g^2)$

2. $(-3w^2 - 8w)(4w^5 - 9w^4)(9w^3 - 5w^2 - 4w)$

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

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

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

Multiplicar Tres Polinomios (D) Respuestas

Simplifique cada expresión.

- $$\begin{aligned} 1. & (-8g + 1)(-4g^2 - 6g)(9g^4 - g^3 + 6g^2) \\ & = 288g^7 + 364g^6 + 94g^5 + 270g^4 - 36g^3 \end{aligned}$$
- $$\begin{aligned} 2. & (-3w^2 - 8w)(4w^5 - 9w^4)(9w^3 - 5w^2 - 4w) \\ & = -108w^{10} + 15w^9 + 721w^8 - 340w^7 - 288w^6 \end{aligned}$$
- $$\begin{aligned} 3. & (7x^2 - 5x)(-5x + 9)(2x^3 - 3x^2 - 9x) \\ & = -70x^6 + 281x^5 - 39x^4 - 657x^3 + 405x^2 \end{aligned}$$
- $$\begin{aligned} 4. & (4v^5 - 9v^4)(-5v^2 - v)(-5v^2 + 5v - 8) \\ & = 100v^9 - 305v^8 + 320v^7 - 283v^6 - 72v^5 \end{aligned}$$
- $$\begin{aligned} 5. & (8t^5 - 9t^4)(6t^5 + 8t^4)(-6t^4 + 8t^3 + 6t^2) \\ & = -288t^{14} + 324t^{13} + 800t^{12} - 516t^{11} - 432t^{10} \end{aligned}$$