

Multiplicar Tres Polinomios (G)

Simplifique cada expresión.

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

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

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

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

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

Multiplicar Tres Polinomios (G) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (2r^4 - 5r^3 - 9r^2)(2r^4 - r^3)(-r^3 + 2r^2) \\ & = -4r^{11} + 20r^{10} - 11r^9 - 35r^8 + 18r^7 \end{aligned}$$

$$\begin{aligned} 2. & 8k^3(-5k^4 - k^3)(4k^5 + 9k^4) \\ & = -160k^{12} - 392k^{11} - 72k^{10} \end{aligned}$$

$$\begin{aligned} 3. & 3q(-5q^4 - 9q^3 + 9q^2)(-7q^2 + 7q + 6) \\ & = 105q^7 + 84q^6 - 468q^5 + 27q^4 + 162q^3 \end{aligned}$$

$$\begin{aligned} 4. & (-7t^4 - 9t^3)(4t^2 - 4t - 7)(-9t^4 - t^3) \\ & = 252t^{10} + 100t^9 - 757t^8 - 652t^7 - 63t^6 \end{aligned}$$

$$\begin{aligned} 5. & (9t - 5)(6t^4 + 8t^3 + 6t^2)(3t^5 - t^4) \\ & = 162t^{10} + 72t^9 - 104t^7 + 30t^6 \end{aligned}$$