

Multiplicar Tres Polinomios (G)

Simplifique cada expresión.

1. $(-7f^5 - 7f^4)(9f^3 - 7f^2)(6f^5 + 2f^4)$

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

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

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

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

Multiplicar Tres Polinomios (G) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-7f^5 - 7f^4)(9f^3 - 7f^2)(6f^5 + 2f^4) \\ & = -378f^{13} - 210f^{12} + 266f^{11} + 98f^{10} \end{aligned}$$

$$\begin{aligned} 2. & (3n + 4)(-6n^5 + 3n^4)(2n^4 + 5n^3) \\ & = -36n^{10} - 120n^9 - 51n^8 + 60n^7 \end{aligned}$$

$$\begin{aligned} 3. & (-7b^4 + b^3)(-b^3 - b^2)(4b^2 - 7b) \\ & = 28b^9 - 25b^8 - 46b^7 + 7b^6 \end{aligned}$$

$$\begin{aligned} 4. & (y^3 - 2y^2)(-7y^4 - 5y^3)(-9y^4 + 6y^3) \\ & = 63y^{11} - 123y^{10} - 36y^9 + 60y^8 \end{aligned}$$

$$\begin{aligned} 5. & (-8y^5 - 4y^4)(-4y - 7)(y^3 + 8y^2) \\ & = 32y^9 + 328y^8 + 604y^7 + 224y^6 \end{aligned}$$