

Multiplicar Tres Polinomios (F)

Simplifique cada expresión.

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

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

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

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

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

Multiplicar Tres Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & 2k^3(-4k^3 + 5k^2 + 3k)(-2k^3 - 5k^2) \\ & = 16k^9 + 20k^8 - 62k^7 - 30k^6 \end{aligned}$$

$$\begin{aligned} 2. & 5z^5(-2z^3 - 4z^2 - 3z)(-6z^4 + 3z^3 - z^2) \\ & = 60z^{12} + 90z^{11} + 40z^{10} - 25z^9 + 15z^8 \end{aligned}$$

$$\begin{aligned} 3. & (-c^4 + 6c^3)(-7c^4 + 8c^3)(5c^4 - 3c^3 + 2c^2) \\ & = 35c^{12} - 271c^{11} + 404c^{10} - 244c^9 + 96c^8 \end{aligned}$$

$$\begin{aligned} 4. & (-6k^2 - 3k)(9k + 1)(3k^4 - 5k^3) \\ & = -162k^7 + 171k^6 + 156k^5 + 15k^4 \end{aligned}$$

$$\begin{aligned} 5. & -8t^4(5t^2 + 5t + 6)(3t + 6) \\ & = -120t^7 - 360t^6 - 384t^5 - 288t^4 \end{aligned}$$