

Multiplicar Tres Polinomios (B)

Simplifique cada expresión.

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

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

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

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

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

Multiplicar Tres Polinomios (B) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-5q^4 + 5q^3)(-7q^2 - 4q)(-2q^5 + 2q^4 + 9q^3) \\ &= -70q^{11} + 100q^{10} + 325q^9 - 175q^8 - 180q^7 \end{aligned}$$

$$\begin{aligned} 2. & (7z + 4)(6z^4 + 3z^3)(-5z^2 - 3z - 4) \\ &= -210z^7 - 351z^6 - 363z^5 - 216z^4 - 48z^3 \end{aligned}$$

$$\begin{aligned} 3. & (-4a^3 + 3a^2)(6a^4 - 2a^3)(9a^5 + 3a^4 - 7a^3) \\ &= -216a^{12} + 162a^{11} + 192a^{10} - 200a^9 + 42a^8 \end{aligned}$$

$$\begin{aligned} 4. & (-2g + 3)(7g + 6)(-8g^5 + 3g^4 - 3g^3) \\ &= 112g^7 - 114g^6 - 75g^5 + 27g^4 - 54g^3 \end{aligned}$$

$$\begin{aligned} 5. & (3g^4 + 3g^3)(-2g^5 + 8g^4)(9g^4 + 9g^3 + 2g^2) \\ &= -54g^{13} + 108g^{12} + 366g^{11} + 252g^{10} + 48g^9 \end{aligned}$$