

Multiplicar Tres Polinomios (B)

Simplifique cada expresión.

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

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

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

4. $8m^4(3m + 3)(-3m^3 - 4m^2)$

5. $-7t^2(-3t - 5)(-7t^2 + t)$

Multiplicar Tres Polinomios (B) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & 6x^2(-5x + 9)(6x^3 + 9x^2) \\ & = -180x^6 + 54x^5 + 486x^4 \end{aligned}$$

$$\begin{aligned} 2. & -7s^4(2s^3 - 3s^2)(-9s^4 - s^3) \\ & = 126s^{11} - 175s^{10} - 21s^9 \end{aligned}$$

$$\begin{aligned} 3. & 9f^3(-9f^5 + 5f^4)(-2f^3 + 5f^2) \\ & = 162f^{11} - 495f^{10} + 225f^9 \end{aligned}$$

$$\begin{aligned} 4. & 8m^4(3m + 3)(-3m^3 - 4m^2) \\ & = -72m^8 - 168m^7 - 96m^6 \end{aligned}$$

$$\begin{aligned} 5. & -7t^2(-3t - 5)(-7t^2 + t) \\ & = -147t^5 - 224t^4 + 35t^3 \end{aligned}$$