

Multiplicar Dos Polinomios (B)

Simplifique cada expresión.

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

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

3. $(-9x^4 + 9x^3 - 6x^2)(-6x^4 - 9x^3 - 3x^2)$

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

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

Multiplicar Dos Polinomios (B) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-7f^5 - 9f^4 - 9f^3)(4f^5 + 6f^4 + 3f^3) \\ & = -28f^{10} - 78f^9 - 111f^8 - 81f^7 - 27f^6 \end{aligned}$$

$$\begin{aligned} 2. & (m^2 + 5m + 5)(-9m^5 - 6m^4 - 2m^3) \\ & = -9m^7 - 51m^6 - 77m^5 - 40m^4 - 10m^3 \end{aligned}$$

$$\begin{aligned} 3. & (-9x^4 + 9x^3 - 6x^2)(-6x^4 - 9x^3 - 3x^2) \\ & = 54x^8 + 27x^7 - 18x^6 + 27x^5 + 18x^4 \end{aligned}$$

$$\begin{aligned} 4. & (8m^5 - 4m^4 + 2m^3)(-3m^4 - 3m^3 + 5m^2) \\ & = -24m^9 - 12m^8 + 46m^7 - 26m^6 + 10m^5 \end{aligned}$$

$$\begin{aligned} 5. & (-7n^2 + n - 8)(5n^3 + 7n^2 + n) \\ & = -35n^5 - 44n^4 - 40n^3 - 55n^2 - 8n \end{aligned}$$