

Multiplicar Dos Polinomios (E)

Simplifique cada expresión.

1. $(-2s^2 + 4s + 6)(5s^3 - 8s^2 + 8s)$

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

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

4. $(3n^5 - 8n^4 - 3n^3)(-8n^3 - 5n^2 - 8n)$

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

Multiplicar Dos Polinomios (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-2s^2 + 4s + 6)(5s^3 - 8s^2 + 8s) \\ &= -10s^5 + 36s^4 - 18s^3 - 16s^2 + 48s \end{aligned}$$

$$\begin{aligned} 2. & (a^5 - 5a^4 + 2a^3)(-7a^5 - a^4 - a^3) \\ &= -7a^{10} + 34a^9 - 10a^8 + 3a^7 - 2a^6 \end{aligned}$$

$$\begin{aligned} 3. & (-6z^2 - 4z + 8)(z^2 - 6z - 5) \\ &= -6z^4 + 32z^3 + 62z^2 - 28z - 40 \end{aligned}$$

$$\begin{aligned} 4. & (3n^5 - 8n^4 - 3n^3)(-8n^3 - 5n^2 - 8n) \\ &= -24n^8 + 49n^7 + 40n^6 + 79n^5 + 24n^4 \end{aligned}$$

$$\begin{aligned} 5. & (3s^4 + 7s^3 + s^2)(2s^5 + 6s^4 - s^3) \\ &= 6s^9 + 32s^8 + 41s^7 - s^6 - s^5 \end{aligned}$$