

Multiplicar Dos Polinomios (J)

Simplifique cada expresión.

1. $(-2w^2 + 5w - 5)(8w^3 - 3w^2 + 7w)$

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

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

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

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

Multiplicar Dos Polinomios (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-2w^2 + 5w - 5)(8w^3 - 3w^2 + 7w) \\ & = -16w^5 + 46w^4 - 69w^3 + 50w^2 - 35w \end{aligned}$$

$$\begin{aligned} 2. & (-7r^3 + 5r^2 + 6r)(2r^3 - 4r^2 - r) \\ & = -14r^6 + 38r^5 - r^4 - 29r^3 - 6r^2 \end{aligned}$$

$$\begin{aligned} 3. & (-3x^3 - 2x^2 + 6x)(-6x^5 - 5x^4 + 2x^3) \\ & = 18x^8 + 27x^7 - 32x^6 - 34x^5 + 12x^4 \end{aligned}$$

$$\begin{aligned} 4. & (-6q^2 - 9q - 5)(-9q^4 - 6q^3 - 4q^2) \\ & = 54q^6 + 117q^5 + 123q^4 + 66q^3 + 20q^2 \end{aligned}$$

$$\begin{aligned} 5. & (2s^4 + 2s^3 + 6s^2)(-4s^3 + 7s^2 - s) \\ & = -8s^7 + 6s^6 - 12s^5 + 40s^4 - 6s^3 \end{aligned}$$