

Multiplicar Dos Polinomios (J)

Simplifique cada expresión.

1. $(-6p^5 + p^4 - 5p^3)(9p + 8)$

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

3. $(r^2 + 3r + 2)(6r^4 + 3r^3 + 3r^2)$

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

5. $9a(2a^2 - 8a - 1)$

Multiplicar Dos Polinomios (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-6p^5 + p^4 - 5p^3)(9p + 8) \\ & = -54p^6 - 39p^5 - 37p^4 - 40p^3 \end{aligned}$$

$$\begin{aligned} 2. & 8t(2t^5 + 7t^4 - 3t^3) \\ & = 16t^6 + 56t^5 - 24t^4 \end{aligned}$$

$$\begin{aligned} 3. & (r^2 + 3r + 2)(6r^4 + 3r^3 + 3r^2) \\ & = 6r^6 + 21r^5 + 24r^4 + 15r^3 + 6r^2 \end{aligned}$$

$$\begin{aligned} 4. & (d^5 - 3d^4 - 2d^3)(-2d^3 - 8d^2 + 7d) \\ & = -2d^8 - 2d^7 + 35d^6 - 5d^5 - 14d^4 \end{aligned}$$

$$\begin{aligned} 5. & 9a(2a^2 - 8a - 1) \\ & = 18a^3 - 72a^2 - 9a \end{aligned}$$