

Multiplicar Dos Polinomios (F)

Simplifique cada expresión.

1. $(9n^4 + 4n^3)(-3n^5 + 5n^4 + 9n^3)$

2. $(8k^4 - k^3)(-9k^5 + 3k^4 + 2k^3)$

3. $(-p^5 + p^4)(2p^2 - p + 3)$

4. $(-2d^5 - 7d^4)(-4d^4 - 6d^3 - 9d^2)$

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

Multiplicar Dos Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (9n^4 + 4n^3)(-3n^5 + 5n^4 + 9n^3) \\ & = -27n^9 + 33n^8 + 101n^7 + 36n^6 \end{aligned}$$

$$\begin{aligned} 2. & (8k^4 - k^3)(-9k^5 + 3k^4 + 2k^3) \\ & = -72k^9 + 33k^8 + 13k^7 - 2k^6 \end{aligned}$$

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

$$\begin{aligned} 4. & (-2d^5 - 7d^4)(-4d^4 - 6d^3 - 9d^2) \\ & = 8d^9 + 40d^8 + 60d^7 + 63d^6 \end{aligned}$$

$$\begin{aligned} 5. & (-7y - 4)(-9y^5 + 6y^4 + 9y^3) \\ & = 63y^6 - 6y^5 - 87y^4 - 36y^3 \end{aligned}$$