

Multiplicar Dos Polinomios (F)

Simplifique cada expresión.

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

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

3. $(-p^4 - p^3 - 2p^2)(-9p^2 - 6p - 1)$

4. $(-3h^2 + 4h + 9)(-5h^5 + 7h^4 - 8h^3)$

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

Multiplicar Dos Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (6g^5 - 4g^4 + 8g^3)(-3g^5 - 8g^4 - 6g^3) \\ & = -18g^{10} - 36g^9 - 28g^8 - 40g^7 - 48g^6 \end{aligned}$$

$$\begin{aligned} 2. & (-n^4 - 3n^3 - 9n^2)(4n^4 - 8n^3 + 2n^2) \\ & = -4n^8 - 4n^7 - 14n^6 + 66n^5 - 18n^4 \end{aligned}$$

$$\begin{aligned} 3. & (-p^4 - p^3 - 2p^2)(-9p^2 - 6p - 1) \\ & = 9p^6 + 15p^5 + 25p^4 + 13p^3 + 2p^2 \end{aligned}$$

$$\begin{aligned} 4. & (-3h^2 + 4h + 9)(-5h^5 + 7h^4 - 8h^3) \\ & = 15h^7 - 41h^6 + 7h^5 + 31h^4 - 72h^3 \end{aligned}$$

$$\begin{aligned} 5. & (-4d^4 + 3d^3 + 2d^2)(8d^5 + 2d^4 - 5d^3) \\ & = -32d^9 + 16d^8 + 42d^7 - 11d^6 - 10d^5 \end{aligned}$$