

Multiplicar Dos Polinomios (C)

Simplifique cada expresión.

1. $(7y^5 - 4y^4 - 3y^3)(2y^3 - 3y^2)$

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

3. $(6x^3 + 8x^2 + 7x)(x - 4)$

4. $9g^3(3g^3 - 6g^2 - 6g)$

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

Multiplicar Dos Polinomios (C) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (7y^5 - 4y^4 - 3y^3)(2y^3 - 3y^2) \\ & = 14y^8 - 29y^7 + 6y^6 + 9y^5 \end{aligned}$$

$$\begin{aligned} 2. & -2t^5(2t^5 - 8t^4 - 5t^3) \\ & = -4t^{10} + 16t^9 + 10t^8 \end{aligned}$$

$$\begin{aligned} 3. & (6x^3 + 8x^2 + 7x)(x - 4) \\ & = 6x^4 - 16x^3 - 25x^2 - 28x \end{aligned}$$

$$\begin{aligned} 4. & 9g^3(3g^3 - 6g^2 - 6g) \\ & = 27g^6 - 54g^5 - 54g^4 \end{aligned}$$

$$\begin{aligned} 5. & (-4v^4 - 3v^3)(6v + 9) \\ & = -24v^5 - 54v^4 - 27v^3 \end{aligned}$$