

Multiplicar Tres Polinomios (A)

Simplifique cada expresión.

1. $-5z^2(z^4 + 9z^3)(-z^2 + 7z)$

2. $6x^2(-x + 9)(-x^5 + 6x^4)$

3. $6v(4v^3 - 6v^2)(8v + 5)$

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

5. $-2h^5(-9h^3 - 6h^2)(-9h + 5)$

Multiplicar Tres Polinomios (A) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -5z^2(z^4 + 9z^3)(-z^2 + 7z) \\ & = 5z^8 + 10z^7 - 315z^6 \end{aligned}$$

$$\begin{aligned} 2. & 6x^2(-x + 9)(-x^5 + 6x^4) \\ & = 6x^8 - 90x^7 + 324x^6 \end{aligned}$$

$$\begin{aligned} 3. & 6v(4v^3 - 6v^2)(8v + 5) \\ & = 192v^5 - 168v^4 - 180v^3 \end{aligned}$$

$$\begin{aligned} 4. & 5t^2(8t^3 + 4t^2)(-8t^2 - 2t) \\ & = -320t^7 - 240t^6 - 40t^5 \end{aligned}$$

$$\begin{aligned} 5. & -2h^5(-9h^3 - 6h^2)(-9h + 5) \\ & = -162h^9 - 18h^8 + 60h^7 \end{aligned}$$