

Multiplicar Tres Polinomios (D)

Simplifique cada expresión.

1. $-3y(6y^2 - 2y)(6y^4 + 5y^3)$

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

3. $-5s^2(2s^4 + 6s^3)(-6s - 7)$

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

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

Multiplicar Tres Polinomios (D) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -3y(6y^2 - 2y)(6y^4 + 5y^3) \\ & = -108y^7 - 54y^6 + 30y^5 \end{aligned}$$

$$\begin{aligned} 2. & 9p^2(p^4 + 2p^3)(-9p^2 + 5p) \\ & = -81p^8 - 117p^7 + 90p^6 \end{aligned}$$

$$\begin{aligned} 3. & -5s^2(2s^4 + 6s^3)(-6s - 7) \\ & = 60s^7 + 250s^6 + 210s^5 \end{aligned}$$

$$\begin{aligned} 4. & -2t^4(4t^2 - 7t)(5t^2 + 2t) \\ & = -40t^8 + 54t^7 + 28t^6 \end{aligned}$$

$$\begin{aligned} 5. & -5n(-9n^3 + 8n^2)(n^4 + 9n^3) \\ & = 45n^8 + 365n^7 - 360n^6 \end{aligned}$$