

Multiplicar Tres Polinomios (E)

Simplifique cada expresión.

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

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

3. $2y^3(3y - 2)(3y^2 - 7y)$

4. $-6w^4(2w^2 - 2w)(-2w^2 - 2w)$

5. $c^2(c^5 + c^4)(6c^5 + 5c^4)$

Multiplicar Tres Polinomios (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -5f^2(7f^3 - 3f^2)(4f^2 - 2f) \\ & = -140f^7 + 130f^6 - 30f^5 \end{aligned}$$

$$\begin{aligned} 2. & 6s^3(2s^3 - 3s^2)(8s^5 + 5s^4) \\ & = 96s^{11} - 84s^{10} - 90s^9 \end{aligned}$$

$$\begin{aligned} 3. & 2y^3(3y - 2)(3y^2 - 7y) \\ & = 18y^6 - 54y^5 + 28y^4 \end{aligned}$$

$$\begin{aligned} 4. & -6w^4(2w^2 - 2w)(-2w^2 - 2w) \\ & = 24w^8 - 24w^6 \end{aligned}$$

$$\begin{aligned} 5. & c^2(c^5 + c^4)(6c^5 + 5c^4) \\ & = 6c^{12} + 11c^{11} + 5c^{10} \end{aligned}$$