

Multiplicar Tres Polinomios (F)

Simplifique cada expresión.

1. $(-2k^4 - k^3)(-5k^3 + 6k^2)(8k - 1)$

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

3. $(5r^2 - 5r)(-2r^4 + 3r^3)(-3r^5 - 4r^4)$

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

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

Multiplicar Tres Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-2k^4 - k^3)(-5k^3 + 6k^2)(8k - 1) \\ & = 80k^8 - 66k^7 - 41k^6 + 6k^5 \end{aligned}$$

$$\begin{aligned} 2. & (3g^2 + 3g)(6g + 7)(-7g^4 - 4g^3) \\ & = -126g^7 - 345g^6 - 303g^5 - 84g^4 \end{aligned}$$

$$\begin{aligned} 3. & (5r^2 - 5r)(-2r^4 + 3r^3)(-3r^5 - 4r^4) \\ & = 30r^{11} - 35r^{10} - 55r^9 + 60r^8 \end{aligned}$$

$$\begin{aligned} 4. & (-7s^2 + 3s)(-5s^3 - 2s^2)(-7s + 5) \\ & = -245s^6 + 182s^5 + 37s^4 - 30s^3 \end{aligned}$$

$$\begin{aligned} 5. & (-5h^5 - 2h^4)(4h^5 - 4h^4)(-8h^3 + 5h^2) \\ & = 160h^{13} - 196h^{12} - 4h^{11} + 40h^{10} \end{aligned}$$