

Multiplicar Tres Polinomios (E)

Simplifique cada expresión.

1. $-8y^4(-6y^5 - 3y^4 - 7y^3)(5y + 5)$

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

3. $(-b^4 + 9b^3 - 2b^2)(-2b^4 + 2b^3 + 7b^2)(-4b^3 - 3b^2 - b)$

4. $(-3g^4 - g^3)(8g - 6)(9g^5 - 6g^4 + 3g^3)$

5. $(h^4 - 9h^3)(2h^3 - 7h^2)(4h^5 - 8h^4 + 9h^3)$

Multiplicar Tres Polinomios (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & -8y^4(-6y^5 - 3y^4 - 7y^3)(5y + 5) \\ & = 240y^{10} + 360y^9 + 400y^8 + 280y^7 \end{aligned}$$

$$\begin{aligned} 2. & -2p^3(-6p^3 - p^2 + 4p)(-7p^4 - p^3) \\ & = -84p^{10} - 26p^9 + 54p^8 + 8p^7 \end{aligned}$$

$$\begin{aligned} 3. & (-b^4 + 9b^3 - 2b^2)(-2b^4 + 2b^3 + 7b^2)(-4b^3 - 3b^2 - b) \\ & = -8b^{11} + 74b^{10} - 2b^9 - 261b^8 - 136b^7 - 17b^6 + 14b^5 \end{aligned}$$

$$\begin{aligned} 4. & (-3g^4 - g^3)(8g - 6)(9g^5 - 6g^4 + 3g^3) \\ & = -216g^{10} + 234g^9 - 78g^8 - 6g^7 + 18g^6 \end{aligned}$$

$$\begin{aligned} 5. & (h^4 - 9h^3)(2h^3 - 7h^2)(4h^5 - 8h^4 + 9h^3) \\ & = 8h^{12} - 116h^{11} + 470h^{10} - 729h^9 + 567h^8 \end{aligned}$$