

Multiplicar Tres Polinomios (F)

Simplifique cada expresión.

1. $(9s^2 - 5s)(4s^4 + s^3 + 6s^2)(6s^4 - 5s^3 + 8s^2)$

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

3. $(8d^5 + 3d^4)(-7d^4 - 5d^3 + 4d^2)(2d^2 - 6d - 7)$

4. $(3y^3 - 2y^2)(-2y^2 + 3y - 6)(9y^3 - 3y^2 - 2y)$

5. $(h^2 + 3h)(5h^3 - 4h^2 + 6h)(-7h^3 + 9h^2 + 8h)$

Multiplicar Tres Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (9s^2 - 5s)(4s^4 + s^3 + 6s^2)(6s^4 - 5s^3 + 8s^2) \\ & = 216s^{10} - 246s^9 + 637s^8 - 513s^7 + 542s^6 - 240s^5 \end{aligned}$$

$$\begin{aligned} 2. & (8m^4 + m^3)(3m^2 - 4m + 1)(3m^5 - 4m^4 + 2m^3) \\ & = 72m^{11} - 183m^{10} + 176m^9 - 71m^8 + 4m^7 + 2m^6 \end{aligned}$$

$$\begin{aligned} 3. & (8d^5 + 3d^4)(-7d^4 - 5d^3 + 4d^2)(2d^2 - 6d - 7) \\ & = -112d^{11} + 214d^{10} + 792d^9 + 349d^8 - 191d^7 - 84d^6 \end{aligned}$$

$$\begin{aligned} 4. & (3y^3 - 2y^2)(-2y^2 + 3y - 6)(9y^3 - 3y^2 - 2y) \\ & = -54y^8 + 135y^7 - 243y^6 + 154y^5 + 12y^4 - 24y^3 \end{aligned}$$

$$\begin{aligned} 5. & (h^2 + 3h)(5h^3 - 4h^2 + 6h)(-7h^3 + 9h^2 + 8h) \\ & = -35h^8 - 32h^7 + 181h^6 - 92h^5 + 114h^4 + 144h^3 \end{aligned}$$