

Multiplicar Tres Polinomios (B)

Simplifique cada expresión.

1. $(-7a^4 - 8a^3)(-5a - 7)(-8a - 2)$

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

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

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

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

Multiplicar Tres Polinomios (B) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-7a^4 - 8a^3)(-5a - 7)(-8a - 2) \\ & = -280a^6 - 782a^5 - 626a^4 - 112a^3 \end{aligned}$$

$$\begin{aligned} 2. & (6v^4 + 5v^3)(v^5 + 3v^4)(-v - 3) \\ & = -6v^{10} - 41v^9 - 84v^8 - 45v^7 \end{aligned}$$

$$\begin{aligned} 3. & (-9t^2 + 5t)(5t^4 + 7t^3)(4t^5 + 6t^4) \\ & = -180t^{11} - 422t^{10} - 88t^9 + 210t^8 \end{aligned}$$

$$\begin{aligned} 4. & (-4p^3 + 9p^2)(-4p - 3)(-p^2 - 4p) \\ & = -16p^6 - 40p^5 + 123p^4 + 108p^3 \end{aligned}$$

$$\begin{aligned} 5. & (-6m^4 + 9m^3)(8m^3 - 5m^2)(-9m^2 - 3m) \\ & = 432m^9 - 774m^8 + 99m^7 + 135m^6 \end{aligned}$$