

Multiplicar Tres Polinomios (J)

Simplifique cada expresión.

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

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

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

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

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

Multiplicar Tres Polinomios (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (2k^5 + 3k^4)(-2k - 2)(2k^2 - 5k - 5) \\ & = -8k^8 + 58k^6 + 80k^5 + 30k^4 \end{aligned}$$

$$\begin{aligned} 2. & (2s^3 - 3s^2)(9s - 8)(6s^5 + 4s^4 + 8s^3) \\ & = 108s^9 - 186s^8 + 116s^7 - 248s^6 + 192s^5 \end{aligned}$$

$$\begin{aligned} 3. & (4v^2 + 4v)(-7v^5 + v^4)(2v^4 + 9v^3 - 2v^2) \\ & = -56v^{11} - 300v^{10} - 152v^9 + 84v^8 - 8v^7 \end{aligned}$$

$$\begin{aligned} 4. & (-a^5 + 3a^4)(-8a^4 + 8a^3)(5a^2 - 9a - 1) \\ & = 40a^{11} - 232a^{10} + 400a^9 - 184a^8 - 24a^7 \end{aligned}$$

$$\begin{aligned} 5. & (-5d^5 - 2d^4)(-5d + 4)(5d^3 - d^2 - 2d) \\ & = 125d^9 - 75d^8 - 80d^7 + 28d^6 + 16d^5 \end{aligned}$$