

Multiplicar Tres Polinomios (J)

Simplifique cada expresión.

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

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

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

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

5. $7r(r^2 - r)(-6r + 6)$

Multiplicar Tres Polinomios (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & 7d^4(-8d^5 - 6d^4)(-4d + 5) \\ & = 224d^{10} - 112d^9 - 210d^8 \end{aligned}$$

$$\begin{aligned} 2. & -4h^2(5h^4 + 9h^3)(9h^2 - 8h) \\ & = -180h^8 - 164h^7 + 288h^6 \end{aligned}$$

$$\begin{aligned} 3. & -5z^5(9z^5 - 5z^4)(-3z^5 + 8z^4) \\ & = 135z^{15} - 435z^{14} + 200z^{13} \end{aligned}$$

$$\begin{aligned} 4. & -5m^5(-8m^5 + 8m^4)(-5m^3 + 6m^2) \\ & = -200m^{13} + 440m^{12} - 240m^{11} \end{aligned}$$

$$\begin{aligned} 5. & 7r(r^2 - r)(-6r + 6) \\ & = -42r^4 + 84r^3 - 42r^2 \end{aligned}$$