

Multiplicar Tres Polinomios (J)

Simplifique cada expresión.

$$1. (-4r^3 + 7r^2)(-7r^3 - 5r^2 - 2r)(-4r^3 - 7r^2 + 3r)$$

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

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

$$4. 9r^4(5r - 9)(8r - 5)$$

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

Multiplicar Tres Polinomios (J) Respuestas

Simplifique cada expresión.

$$1. (-4r^3 + 7r^2)(-7r^3 - 5r^2 - 2r)(-4r^3 - 7r^2 + 3r)$$
$$= -112r^9 - 80r^8 + 395r^7 + 158r^6 + 17r^5 - 42r^4$$

$$2. (-9r^5 - 4r^4 + 6r^3)(7r^3 + 6r^2 - 7r)(-r^5 + 5r^4 + 7r^3)$$
$$= 63r^{13} - 233r^{12} - 932r^{11} - 233r^{10} + 929r^9 + 238r^8 - 294r^7$$

$$3. (6x^3 + 6x^2)(-5x^3 + 3x^2 - 4x)(-2x^4 - 7x^3)$$
$$= 60x^{10} + 234x^9 + 96x^8 + 90x^7 + 168x^6$$

$$4. 9r^4(5r - 9)(8r - 5)$$
$$= 360r^6 - 873r^5 + 405r^4$$

$$5. 3s^3(-2s^2 - 8s)(-9s^3 + 9s^2)$$
$$= 54s^8 + 162s^7 - 216s^6$$