

Multiplicar Tres Polinomios (B)

Simplifique cada expresión.

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

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

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

$$4. 3n^5(6n^2 - 4n)(-5n^2 - 2n)$$

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

Multiplicar Tres Polinomios (B) Respuestas

Simplifique cada expresión.

$$1. (2s^3 - s^2)(4s^2 + 2s + 4)(s^4 - 9s^3 + s^2)$$
$$= 8s^9 - 72s^8 + 14s^7 - 58s^6 + 42s^5 - 4s^4$$

$$2. -z(6z^4 - 9z^3 + z^2)(-2z^2 - 5z - 1)$$
$$= 12z^7 + 12z^6 - 37z^5 - 4z^4 + 1z^3$$

$$3. 7g^3(4g^2 - 4g + 3)(-9g + 2)$$
$$= -252g^6 + 308g^5 - 245g^4 + 42g^3$$

$$4. 3n^5(6n^2 - 4n)(-5n^2 - 2n)$$
$$= -90n^9 + 24n^8 + 24n^7$$

$$5. 7p^2(-7p^4 + p^3)(-4p^4 - 6p^3)$$
$$= 196p^{10} + 266p^9 - 42p^8$$