

Multiplicar Tres Polinomios (I)

Simplifique cada expresión.

$$1. \ c(4c^3 + 5c^2 - 7c)(-8c^5 + c^4)$$

$$2. \ (3f^4 + 6f^3 + 9f^2)(4f^3 + 2f^2 - 7f)(2f^2 + 4f)$$

$$3. \ 7z^3(-4z^4 - 7z^3 - 4z^2)(4z^4 - 6z^3 - 3z^2)$$

$$4. \ (6b^4 - 4b^3)(-3b^3 + 9b^2)(9b^2 + 2b)$$

$$5. \ (-3t^4 + 2t^3 - 3t^2)(3t^5 - 5t^4 + 5t^3)(5t^3 - 8t^2 + 8t)$$

Multiplicar Tres Polinomios (I) Respuestas

Simplifique cada expresión.

$$1. \ c(4c^3 + 5c^2 - 7c)(-8c^5 + c^4)$$
$$= -32c^9 - 36c^8 + 61c^7 - 7c^6$$

$$2. \ (3f^4 + 6f^3 + 9f^2)(4f^3 + 2f^2 - 7f)(2f^2 + 4f)$$
$$= 24f^9 + 108f^8 + 174f^7 + 60f^6 - 222f^5 - 252f^4$$

$$3. \ 7z^3(-4z^4 - 7z^3 - 4z^2)(4z^4 - 6z^3 - 3z^2)$$
$$= -112z^{11} - 28z^{10} + 266z^9 + 315z^8 + 84z^7$$

$$4. \ (6b^4 - 4b^3)(-3b^3 + 9b^2)(9b^2 + 2b)$$
$$= -162b^9 + 558b^8 - 192b^7 - 72b^6$$

$$5. \ (-3t^4 + 2t^3 - 3t^2)(3t^5 - 5t^4 + 5t^3)(5t^3 - 8t^2 + 8t)$$
$$= -45t^{12} + 177t^{11} - 410t^{10} + 565t^9 - 547t^8 + 320t^7 - 120t^6$$