

## Multiplicar Tres Polinomios (H)

Simplifique cada expresión.

$$1. (m^5 - 2m^4)(-9m^2 - 8m - 5)(-6m^4 + 3m^3 - 9m^2)$$

$$2. (-2q^3 - 9q^2)(8q^5 + q^4 + 4q^3)(6q^3 + 9q^2 + 7q)$$

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

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

$$5. (-8w^2 - 3w)(2w^2 - 2w + 3)(-7w^4 - 9w^3 - 2w^2)$$

## Multiplicar Tres Polinomios (H) Respuestas

Simplifique cada expresión.

$$1. (m^5 - 2m^4)(-9m^2 - 8m - 5)(-6m^4 + 3m^3 - 9m^2)$$
$$= 54m^{11} - 87m^{10} + 45m^9 - 117m^8 - 69m^7 - 90m^6$$

$$2. (-2q^3 - 9q^2)(8q^5 + q^4 + 4q^3)(6q^3 + 9q^2 + 7q)$$
$$= -96q^{11} - 588q^{10} - 880q^9 - 887q^8 - 443q^7 - 252q^6$$

$$3. (3b^4 - b^3)(-5b^2 - 8b - 9)(-4b^4 - 9b^3 - 6b^2)$$
$$= 60b^{10} + 211b^9 + 337b^8 + 249b^7 + 33b^6 - 54b^5$$

$$4. (-5f^2 + 5f)(8f^3 + 8f^2 + 9f)(6f^3 + 9f^2 + 3f)$$
$$= -240f^8 - 360f^7 - 150f^6 + 225f^5 + 390f^4 + 135f^3$$

$$5. (-8w^2 - 3w)(2w^2 - 2w + 3)(-7w^4 - 9w^3 - 2w^2)$$
$$= 112w^8 + 74w^7 + 68w^6 + 205w^5 + 117w^4 + 18w^3$$