

## Multiplicar Tres Polinomios (E)

Simplifique cada expresión.

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

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

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

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

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

## Multiplicar Tres Polinomios (E) Respuestas

Simplifique cada expresión.

$$1. (-9b^2 - 5b)(3b^3 + 2b^2 - 8b)(9b^4 - 2b^3 - 3b^2)$$
$$= -243b^9 - 243b^8 + 705b^7 + 335b^6 - 266b^5 - 120b^4$$

$$2. (-5s^2 + 2s)(4s^3 - 4s^2 - 2s)(7s^5 - 2s^4 - 5s^3)$$
$$= -140s^{10} + 236s^9 + 58s^8 - 172s^7 - 2s^6 + 20s^5$$

$$3. (-3v^3 + 6v^2)(-v^5 + 9v^4 - 2v^3)(2v^2 - 3v + 7)$$
$$= 6v^{10} - 75v^9 + 240v^8 - 435v^7 + 456v^6 - 84v^5$$

$$4. (-8m + 8)(-4m^2 - 7m - 4)(-7m^3 - 4m^2 + 5m)$$
$$= -224m^6 - 296m^5 + 232m^4 + 440m^3 + 8m^2 - 160m$$

$$5. (-5f^4 - 5f^3)(-f^5 - 8f^4 - 6f^3)(-9f^4 + 4f^3 + 4f^2)$$
$$= -45f^{13} - 385f^{12} - 430f^{11} + 190f^{10} + 400f^9 + 120f^8$$