

Multiplicar Tres Polinomios (H)

Simplifique cada expresión.

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

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

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

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

$$5. \ -6t^3(-t^5 - 6t^4)(-3t^3 + 4t^2)$$

Multiplicar Tres Polinomios (H) Respuestas

Simplifique cada expresión.

$$1. \ 4y^4(-3y^5 + 3y^4)(5y^3 + 8y^2)$$
$$= -60y^{12} - 36y^{11} + 96y^{10}$$

$$2. \ -6m^3(-9m - 2)(5m + 4)$$
$$= 270m^5 + 276m^4 + 48m^3$$

$$3. \ 3v(5v^4 - 8v^3)(4v^5 + v^4)$$
$$= 60v^{10} - 81v^9 - 24v^8$$

$$4. \ -4s^5(8s^4 - s^3)(5s^4 + 4s^3)$$
$$= -160s^{13} - 108s^{12} + 16s^{11}$$

$$5. \ -6t^3(-t^5 - 6t^4)(-3t^3 + 4t^2)$$
$$= -18t^{11} - 84t^{10} + 144t^9$$