

## Multiplicar Tres Polinomios (G)

Simplifique cada expresión.

1.  $(6s - 6)(2s^4 + 2s^3)(-6s^3 - s^2 - 6s)$

2.  $(4p^5 + 9p^4)(-4p^3 + 3p^2)(3p^4 - 5p^3 - p^2)$

3.  $(-7h^2 + 8h)(-h^3 + 9h^2)(-h^2 + 5h + 1)$

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

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

## Multiplicar Tres Polinomios (G) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (6s - 6)(2s^4 + 2s^3)(-6s^3 - s^2 - 6s) \\ & = -72s^8 - 12s^7 + 12s^5 + 72s^4 \end{aligned}$$

$$\begin{aligned} 2. & (4p^5 + 9p^4)(-4p^3 + 3p^2)(3p^4 - 5p^3 - p^2) \\ & = -48p^{12} + 8p^{11} + 217p^{10} - 111p^9 - 27p^8 \end{aligned}$$

$$\begin{aligned} 3. & (-7h^2 + 8h)(-h^3 + 9h^2)(-h^2 + 5h + 1) \\ & = -7h^7 + 106h^6 - 420h^5 + 289h^4 + 72h^3 \end{aligned}$$

$$\begin{aligned} 4. & (7c + 4)(-8c + 5)(8c^3 + 7c^2 - 2c) \\ & = -448c^5 - 368c^4 + 293c^3 + 134c^2 - 40c \end{aligned}$$

$$\begin{aligned} 5. & (5r^5 - 5r^4)(2r^2 + 5r)(6r^4 + 6r^3 + 2r^2) \\ & = 60r^{11} + 150r^{10} - 40r^9 - 120r^8 - 50r^7 \end{aligned}$$