

## Multiplicar Tres Polinomios (C)

Simplifique cada expresión.

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

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

3.  $4k^2(-5k^4 - 3k^3)(-4k + 2)$

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

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

## Multiplicar Tres Polinomios (C) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & v^5(4v^3 - 8v^2)(-3v^4 + 3v^3) \\ & = -12v^{12} + 36v^{11} - 24v^{10} \end{aligned}$$

$$\begin{aligned} 2. & -2y^5(5y^5 + 2y^4)(8y^4 + 3y^3) \\ & = -80y^{14} - 62y^{13} - 12y^{12} \end{aligned}$$

$$\begin{aligned} 3. & 4k^2(-5k^4 - 3k^3)(-4k + 2) \\ & = 80k^7 + 8k^6 - 24k^5 \end{aligned}$$

$$\begin{aligned} 4. & -7q^4(-6q - 2)(-q^3 + 8q^2) \\ & = -42q^8 + 322q^7 + 112q^6 \end{aligned}$$

$$\begin{aligned} 5. & 3a^4(-8a^2 - 4a)(7a^2 + a) \\ & = -168a^8 - 108a^7 - 12a^6 \end{aligned}$$