

## Multiplicar Tres Polinomios (J)

Simplifique cada expresión.

1.  $(9t + 1)(-5t^3 + 6t^2 + 9t)(3t^3 + 7t^2 + 6t)$

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

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

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

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

## Multiplicar Tres Polinomios (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (9t + 1)(-5t^3 + 6t^2 + 9t)(3t^3 + 7t^2 + 6t) \\ & = -135t^7 - 168t^6 + 334t^5 + 930t^4 + 585t^3 + 54t^2 \end{aligned}$$

$$\begin{aligned} 2. & (-5g - 3)(-9g^5 - 5g^4 - 5g^3)(-2g^4 + 4g^3 + 9g^2) \\ & = -90g^{10} + 76g^9 + 533g^8 + 598g^7 + 420g^6 + 135g^5 \end{aligned}$$

$$\begin{aligned} 3. & (5h + 5)(6h^3 - 6h^2 + h)(9h^2 - 8h - 3) \\ & = 270h^6 - 240h^5 - 315h^4 + 245h^3 + 35h^2 - 15h \end{aligned}$$

$$\begin{aligned} 4. & (5h^2 + 9h)(-9h^4 - h^3 - 9h^2)(6h^3 - 6h^2 + 8h) \\ & = -270h^9 - 246h^8 - 168h^7 - 850h^6 + 54h^5 - 648h^4 \end{aligned}$$

$$\begin{aligned} 5. & (7m - 7)(-7m^3 + 6m^2 + 5m)(-2m^3 - 9m^2 - 9m) \\ & = 98m^7 + 259m^6 - 364m^5 - 686m^4 + 378m^3 + 315m^2 \end{aligned}$$