

## Multiplicar Tres Polinomios (H)

Simplifique cada expresión.

1.  $(6g - 9)(7g - 8)(8g - 6)$

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

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

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

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

## Multiplicar Tres Polinomios (H) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (6g - 9)(7g - 8)(8g - 6) \\ & = 336g^3 - 1140g^2 + 1242g - 432 \end{aligned}$$

$$\begin{aligned} 2. & (-5h^2 + 3h)(-2h^3 + 4h^2)(9h^3 - 3h^2) \\ & = 90h^8 - 264h^7 + 186h^6 - 36h^5 \end{aligned}$$

$$\begin{aligned} 3. & (6y^5 - y^4)(3y^2 + 3y)(y^3 - 6y^2) \\ & = 18y^{10} - 93y^9 - 93y^8 + 18y^7 \end{aligned}$$

$$\begin{aligned} 4. & (-5s^3 + 5s^2)(7s - 6)(s^4 - 9s^3) \\ & = -35s^8 + 380s^7 - 615s^6 + 270s^5 \end{aligned}$$

$$\begin{aligned} 5. & (3g^2 + 9g)(-4g^3 + 7g^2)(-5g^5 - 7g^4) \\ & = 60g^{10} + 159g^9 - 210g^8 - 441g^7 \end{aligned}$$