

Multiplicar Tres Polinomios (I)

Simplifique cada expresión.

1. $4w^3(-5w - 7)(3w + 4)$

2. $7x(-7x - 6)(5x + 3)$

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

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

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

Multiplicar Tres Polinomios (I) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & 4w^3(-5w - 7)(3w + 4) \\ & = -60w^5 - 164w^4 - 112w^3 \end{aligned}$$

$$\begin{aligned} 2. & 7x(-7x - 6)(5x + 3) \\ & = -245x^3 - 357x^2 - 126x \end{aligned}$$

$$\begin{aligned} 3. & -4b^5(9b^5 + b^4)(5b^4 + 7b^3) \\ & = -180b^{14} - 272b^{13} - 28b^{12} \end{aligned}$$

$$\begin{aligned} 4. & -4y^4(-6y^5 + y^4)(5y + 3) \\ & = 120y^{10} + 52y^9 - 12y^8 \end{aligned}$$

$$\begin{aligned} 5. & 5c^3(2c^3 + 4c^2)(6c^2 - 2c) \\ & = 60c^8 + 100c^7 - 40c^6 \end{aligned}$$