

Nombre:

Día

Mes

Año

Folio

Tema:

$$\textcircled{1} (-4x)(5x^3y^3)(-2x^2y)$$
$$= 40x^6y^4$$

$$\textcircled{2} (-2A^3BC)(-4A^2B^2C^2)(5ABC)(-6AB^2)$$
$$= -240 A^7B^6C^4$$

$$\textcircled{3} (3A^3 + 5B^2 - 4)(3A)$$
$$9A^4 + 15AB^2 - 12A$$

$$\textcircled{4} \left(\frac{2}{3}A^3B^2 - \frac{1}{4}A^2B^3 + \frac{5}{6}AB^4 - \frac{2}{5}B^5\right) \left(-\frac{1}{2}AB^6\right)$$
$$= -\frac{2}{6}A^4B^4 + \frac{1}{8}A^3B^5 - \frac{5}{12}A^2B^6 + \frac{2}{10}AB^7$$

$$\textcircled{5} (x^4 - 2x^3 - 11x^2 + 30x - 20)(x^2 + 3x - 2)$$

$$\begin{array}{r} x^6 - 2x^5 - 11x^4 + 30x^3 - 20x^2 \\ + 3x^5 - 6x^4 - 33x^3 + 90x^2 - 60x \\ - 2x^4 + 4x^3 + 22x^2 - 60x + 40 \\ \hline x^6 - x^5 - 19x^4 + x^3 + 92x^2 - 120x + 40 \end{array}$$

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$$\textcircled{6} (x^6 + 5x^4 + 3x^2 - 2x)(x^2 - x + 3)$$

$$\begin{array}{r} x^8 + 5x^6 + 3x^4 - 2x^3 \\ - x^7 \\ \hline x^8 + 5x^6 + 3x^4 - 2x^3 \\ - x^7 \\ \hline x^8 + 4x^6 + 3x^4 - 2x^3 - x^7 \end{array}$$

$$- x^7 + x^8 + 8x^6 + 18x^4 - 5x^3 - 5x^5 + 11x^2 - 6x$$

$$\textcircled{7} (2x^4 - 2x^3 + 3x^2 + 5x + 10)(x + 2)$$

$$\begin{array}{r} 2x^5 - 2x^4 + 3x^3 + 5x^2 + 10x \\ + 4x^4 - 4x^3 + 6x^2 + 10x + 20 \\ \hline 2x^5 + 2x^4 - x^3 + 11x^2 + 20x + 20 \end{array}$$