

5.2. División de polinomios entre monomios

Instrucciones: Selecciona los términos que conjunen la respuesta correcta de la división de polinomios entre monomios

$$\frac{15x^8 + 10x^5 - 20x^6 + 35x^2}{5x^3} =$$

$\frac{3x^5}{-3y}$

$-4x$

$5x$

$\frac{7}{x}$

$-4x^3$

$7x$

$4x$

$2x^2$

$$\frac{12x^5y + 4xy^6 - 30x^3y^2 + 6x^4y^3 + 4x^5}{-12x^2y} =$$

$\frac{x^3}{-3y}$

$\frac{y^5}{-3x}$

$-x^3$

$\frac{7}{x}$

$-4x^3$

$\frac{5xy}{2}$

$\frac{y^6}{-3x}$

$\frac{x^2y^2}{-2}$

$$\frac{30d^5 + 21f - 3e^8 + 15f^2}{3d^4e^5f^2} =$$

$\frac{-7f^2}{d^4f^2}$

$\frac{5}{d^4e^5}$

$\frac{5e^3}{d^4e^5f^2}$

$\frac{7}{d^4e^5f}$

$\frac{10d^5}{d^2e^5f^2}$

$\frac{3e^3}{d^4e^5f^2}$

$\frac{10d}{e^5f^2}$

$\frac{-e^3}{d^4f^2}$

$$\frac{27x^2y + 81xy^2 - 36xy^3 + 99x^4 + 3y^9}{9xy^5} =$$

$$\frac{9}{y^3}$$

$$\frac{11x^3}{y^5}$$

$$\frac{9}{xy^3}$$

$$\frac{11x^3}{y^6}$$

$$\frac{3x}{y^4}$$

$$\frac{-4}{x^2}$$

$$\frac{-4}{y^2}$$

$$\frac{y^4}{3x}$$

$$\frac{8x^{12} + 24x^7 - 12x^3 - 32x^4}{2x^9} =$$

$$\frac{6}{x^6}$$

$$\frac{16}{x^3}$$

$$\frac{-6}{x^6}$$

$$4x^3$$

$$-4x^3$$

$$\frac{-12}{x^2}$$

$$\frac{-16}{x^5}$$

$$\frac{12}{x^2}$$

$$\frac{-55x^{10}y + 5x^2y^3z^5 + xyz - 20x^5z}{5xy^2z} =$$

$$\frac{-4x^4}{y^2}$$

$$\frac{-11x^9}{yz}$$

$$xyz^4$$

$$\frac{-2x^4}{5y}$$

$$5xyz^4$$

$$\frac{1}{5y}$$

$$\frac{11x^9}{yz}$$

$$\frac{-1}{5y}$$

$$\frac{30a^2b^4c + 66a^5bc^6 - a^2b^2c^4}{-3a^5b^4c^2} =$$

$$\frac{3c^2}{a^3b^2}$$

$$\frac{c^2}{3a^3b^2}$$

$$\frac{c^6}{-22b^3}$$

$$\frac{-10}{a^6c}$$

$$\frac{-22c^4}{-b^3}$$

$$\frac{22c^4}{-b^3}$$

$$\frac{-10}{a^3c}$$

$$\frac{10}{a^3c}$$