

1º B MATEMÁTICAS . SOLUCIONES AL BOLETÍN 2

10) a)  $2x^2 - 3x + 4x - 9x^2 = -7x^2 + x$

b)  $5x^3 - 7x + 2x - 9x^2 + 2x^3 - 5x^2 = 7x^3 - 14x^2 - 5x$

c)  $\cancel{3x^2} - 1 - \cancel{2x^2} - \cancel{x^2} = -1$

d)  $\cancel{5x^4} - \cancel{3x} - \cancel{5x^4} + \cancel{3x} = 0$

e)  $\cancel{5x^3} - \cancel{3x} - \cancel{5x^3} + \cancel{3x} - 1 - 2 = -3$

f)  $-x^4 - x^2 - 5x^4 + 3x^2 = -6x^4 + 2x^2$

g)  $-x - x - x - x - x = -5x$

h)  $-1 - 3x - 1 - 2x + 3 - x = -6x + 1$

i)  $\cancel{x^2} - 2x^3 - \cancel{x^3} - \cancel{x^2} = -3x^3$

11)  $3x \cdot 2x = 6x^2$

$2x^7 \cdot 4 = 8x^7$

$\frac{3}{2}x^3 \cdot 5x^2 = \frac{15}{2}x^5$

$3x + 2x = 5x$

$8x + 9x = 17x$

$6x + 2x + 5x = 13x$

$6x - 3x = 3x$

$2x^2 \cdot 3x = 6x^3$

$8x \cdot 3x^3 = 24x^4$

$\frac{4}{3}x \cdot \frac{2}{5}x^4 = \frac{8}{15}x^5$

$4x + x = 5x$

$3x^2 + 2x^2 = 5x^2$

$3x + 2x + x = 6x$

$8x - 5x = 3x$

$5x^4 \cdot 4x^2 = 20x^6$

$x \cdot 6 = 6x$

$5x \cdot \frac{2}{7} = \frac{10}{7}x$

$5x + 6x = 11x$

$5x^2 + 4x^2 = 9x^2$

$4x + 8x + 2x = 14x$

$11x - x = 10x$

12)  $9x + 3x + 6x = 18$

$7x - 3x = 4x$

$2x^2 \cdot 5x^3 = 10x^5$

$4a^2 \cdot 5a^3 = 20a^5$

$5x - 8x = -3x$

$4x^2 - 9x^2 = -5x^2$

$x + 5x + 5x = 11x$

$9x - 4x = 5x$

$3x \cdot 4x^2 = 12x^3$

$3a^4 \cdot 6a^2 = 18a^6$

$9x - 6x = 3x$

$7x^2 - 10x^2 = -3x^2$

$3x + 5x + 6x = 14x$

$10x - x = 9x$

$5x \cdot 3x^4 = 15x^5$

$2b^6 \cdot 3b^4 = 6b^{10}$

$3x - 5x = -2x$

$x^2 - 5x^2 = -4x^2$