


**10) Reduce las siguientes expresiones:**

$$2x^2 - 3x + 4x - 9x^2 =$$

$$5x^3 - 7x + 2x - 9x^2 + 2x^3 - 5x^2 =$$

$$3x^2 - 1 - 2x^2 - x^2 =$$

$$5x^4 - 3x - 5x^4 + 3x =$$

$$5x^3 - 3x - 5x^3 + 3x - 1 - 2 =$$

$$-x^4 - x^2 - 5x^4 + 3x^2 =$$

$$-x - x - x - x - x =$$

$$-1 - 3x - 1 - 2x + 3 - x =$$

$$x^2 - 2x^3 - x^3 - x^2 =$$

**11) Calcula:**

$$3x \cdot 2x =$$

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

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

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

$$8x \cdot 3x^5 =$$

$$x \cdot 6 =$$

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

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

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

$$3x + 2x =$$

$$4x + x =$$

$$5x + 6x =$$

$$8x + 9x =$$

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

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

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

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

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

$$6x - 3x =$$

$$8x - 5x =$$

$$11x - x =$$

**12) Calcula el resultado de las siguientes operaciones con monomios:**

$$9x + 3x + 6x =$$

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

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

$$7x - 3x =$$

$$9x - 4x =$$

$$10x - x =$$

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

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

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

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

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

$$2b^6 \cdot 3b^4 =$$

$$5x - 8x =$$

$$9x - 6x =$$

$$3x - 5x =$$

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

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

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