

Monomis Semblants - Suma i Resta de Monomis - Producte i Quocient de Monomis

1. Escriu 5 parelles de **monomis semblants**:

1		
2		
3		
4		
5		

2. **Suma o resta** els següents monomis sempre que sigui possible

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

$$6x - 9x =$$

$$9x + 12x =$$

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

$$-8x - 4x =$$

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

$$x - 8x =$$

$$4x + x =$$

$$9x^3 - 5x^3 =$$

$$8x^2 - 3x^3 =$$

3. Troba les següents **sumes i restes** de monomis quan sigui possible:

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

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

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

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

4. Troba el **producte** de les operacions amb monomis següents:

$$3x \cdot 2x =$$

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

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

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

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

$$x \cdot 6 =$$

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

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

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

5. Calcula el resultat dels següents **quocients** de monomis:

$$15x^5 : 3x^2 =$$

$$20x^6 : 4x^2 =$$

$$\frac{30x^8}{5x} =$$

$$10x : 2 =$$

$$\frac{12x^4}{3x} =$$

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

$$12x : 3x^2 =$$

$$\frac{60x^8}{6x^2} =$$

6. Fes les següents operacions amb monomis:

$$3x + 2x =$$

$$4x + x =$$

$$5x + 6x =$$

$$8x + 9x =$$

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

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

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

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

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

$$6x - 3x =$$

$$8x - 5x =$$

$$11x - x =$$

$$5x - 8x =$$

$$9x - 6x =$$

$$3x - 5x =$$

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

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

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

$$3x + 6x - 4x =$$

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

$$x - 3x - 4x =$$

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

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

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

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

$$12x^4 : 3x =$$

$$6a^6 : 2a^2 =$$

$$4x + 7x =$$

$$4x + 10x =$$

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

$$7x - 3x =$$

$$5x - 9x =$$

$$8x^2 - 12x^2 =$$

$$4x + 5x - 6x =$$

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

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

$$12x^6 : 3x^2 =$$

$$16a^6 : 2a =$$

$$12x^3 : 3x^8 =$$

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

$$20x^8 : 2x^6 =$$

$$8b^5 : 4b =$$

$$9x + x =$$

$$12x^2 + 4x^2 =$$

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

$$9x - 4x =$$

$$12x - 4x =$$

$$7x^2 - 14x^2 =$$

$$2x - 7x - 9x =$$

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

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

$$24x^8 : 2x^6 =$$

$$8b^5 : 4b =$$

$$2x^5 : 2x^5 =$$

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

$$16x^7 : 8x^5 =$$

$$10c^8 : 5c^5 =$$

$$2x + 7x =$$

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

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

$$10x - x =$$

$$3x - 7x =$$

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

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

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

$$5b^6 \cdot 5b^4 =$$

$$16x^7 : 4x^5 =$$

$$20c^8 : 5c^5 =$$

$$3x^3 : 3x^2 =$$