

ACTIVITATS REFORÇ MONOMIS

1. Omple la taula:

MONOMI	COEFICIENT	PART LITERAL	GRAU
$14x^2y^5$			
$-7abc$			
$x y^5$			6
$a^3b^5c^0$	4		
	5	x^2y	5

2. Calcula el valor numèric dels següents monomis si $a = 4$ | $b = -3$ | $c = -2$ | $d = -1$ | Desenvolupa les operacions:

$$-7abc = -7 \cdot \quad \cdot \quad \cdot \quad =$$

$$5b^2c = 5 \cdot (\quad)^2 \cdot (-2) =$$

$$abc^2d = \quad \cdot (\quad) \cdot (\quad) \cdot (\quad) =$$

$$abc - bcd = \quad \cdot (\quad) \cdot (\quad) - (\quad) \cdot (\quad) \cdot (\quad) = \quad - \quad =$$

3. Digues quins monomis són semblants entre ells:

$$-\frac{2}{3}xy^2$$

$$7x^2y^5$$

$$-4abc$$

$$5x^2y^3$$

$$-3a^3b^5c$$

$$2a^5bc$$

$$-7abc$$

$$2a^3b^5c$$

$$\frac{7}{9}x^2y^3$$

$$-a^5bc$$

$$-xy^2$$

$$18x^2y^5$$

4. Opera:

$$7x^2y^5 + 11x^2y^5 =$$

$$-4abc - 7ab + 5c - 9ab =$$

$$-\frac{2}{3}xy^2 - \frac{1}{3}xy^2 = \text{---}xy^2 = \quad xy^2$$

$$3m - 3m - 2n - 5n =$$

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

$$7x \cdot 3xy^3 =$$

$$-2x^4 \cdot (-3x^3) =$$

$$5x^2y^3z \cdot (-3x^3y^2z^3) =$$

$$5 \cdot (2x^2 - 3y) =$$

$$2x \cdot (3y + 2x^2y) =$$

$$\frac{3a^2b}{a} = \frac{\cdot \cdot \cdot}{\cdot} =$$

$$\frac{6xyz}{2xy} = \frac{\cdot \cdot \cdot \cdot \cdot}{\cdot \cdot} =$$

$$\frac{-8x^2y^3z}{6x^4y^2z^2} = \frac{\cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot}{\cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot} = \text{---}$$

$$\frac{2a^2b}{2ab} + \frac{-6a^2}{2a} = \frac{\cdot \cdot \cdot}{\cdot \cdot \cdot} + \frac{-\cdot \cdot \cdot \cdot}{\cdot} = \quad + \quad =$$