

PREGUNTAS **RESPUESTAS**

01	$xy^2 - y^2w$	$= y^2(x - w)$
02	$5xy^2 - 15y$	$= 5xy(y - 3)$
03	$24a^3b^2 - 12a^3b^3$	$= 12a^3b^2(2 - b)$
04	$4xy - 8xy^2 - 12xy^3$	$= 4xy(1 + 2y - 3y^2)$
05	$16a^4b^5 - 20a^3b^2 - 24a^2b^6$	$= 4a^2b^4(4a^2b - 5a + 6b^2)$
06	$x^{a+2} - 3x^{a+3} - 5x^a$	$= x^a(x^2 + 3x^3 + 5)$
07	$36x^{2a}y^b - 24x^{a+1}y^{b+1} + 12x^ay^{2b}$	$= 12x^ay^b(3x^a - 2xy + y^b)$
08	$x(a + 7) - 5(a + 7)$	$= (a + 7)(x - 5)$
09	$2x(a - 1) - 3y(a - 1)$	$= (a - 1)(2x - 3y)$
10	$x(a + 9) - a - 9$	$= (a + 9)(x - 1)$
11	$-x - y + a(x + y)$	$= (x + y)(a - 1)$
12	$(a + 5)(a + 1) - 2(a + 1)$	$= (a + 1)(a + 3)$
13	$(a + b - 2)(a^2 + 2) - a^2 - 2$	$= (a^2 + 2)(a + b - 3)$
14	$(3x^2 + 8)(x + y - z) - (3x^2 + 8) - (x + y - 4)(3x^2 + 8)$	$= (3x^2 + 8)(3 - z)$
15	$xm - ym + xn - yn$	$= (x - y)(m + n)$
16	$a^2x^2 - 8bx^2 + a^2y^2 - 8by^2$	$= (x^2 + y^2)(a^2 - 8b)$
17	$1 + a + 8ab + 8b$	$= (a + 1)(8b + 1)$

$$18 \quad 6ax - 2by - 2bx - 12a + 6ay + 4b = (6a - 2b)(x + y - 2)$$

$$19 \quad \frac{a^2b^3 - m^5 + a^2b^3x^2 - m^5x^2 - 3a^2b^3x + 3m^5x}{3m^5x} = (a^2b^3 - m^5)(1 - 3x + x^2)$$

$$20 \quad \frac{(x+3)(x+2)(x+5) + (x+2)(x+5)}{+(x+5)} = (x+5)(x+3)^2$$