

POLYNOMIALS, BASIC INFORMATION: complete the following table (read instructions)

POLYNOMIAL	Number of TERMS	ORDERED		DEGREE	MISSING DEGREES	COMPLETE Yes/No
		Yes No	WE ORDER IT (IF APPLICABLE)			
$R(a,b) = a^3 + b^2 - a^4b + a + 1$		Yes No				Yes No
$Q(x,y) = 5x^4y^3 - 2x^6 + 7xy^8$		Yes No				Yes No
$T(x) = 3x^5 - 2x^3 + 2$		Yes No				Yes No
$P(x) = 7x^3 - x^2 + 2x + 5$		Yes No				Yes No
$R(x,y) = 3x^4y + xy^4 - x^2y^2$		Yes No				Yes No
$A(p,q) = 4pq - 7p^3q^5 + 2$		Yes No				Yes No
$P(x) = 7x^5 - 2x^3 + 5$		Yes No				Yes No
$Q(x,y) = -x^4 + x^2 - y^2x + x - 1$		Yes No				Yes No
$B(x) = 5x^4 - x^5 + x^3 - x + x^2 - 4$		Yes No				Yes No



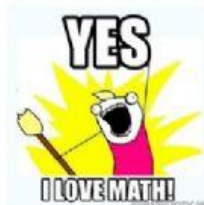
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By Remedios Carrilero Castillo, May 2022

INSTRUCTIONS:

- 2nd column: write the number of terms that the polynomial has.
- 3rd column: if the polynomial is ordered, select "Yes", if not, "No".
- 4th column: if you must order a polynomial, write it as in the below example table, without any spaces between any figure. If the first monomial of the ordered polynomial is positive, don't write the positive sign, but directly the monomial. If the polynomial is ordered, write "No".
- 5th column: write the polynomial degree.
- 6th column: write the missing degrees, in descending order, separated by a comma, without any spaces between any figure. If there aren't missing degrees, write "No".
- 7th column: if the polynomial is complete, select "Yes", if not, "No".

EXAMPLE TABLE

POLYNOMIAL	Number of TERMS	ORDERED		DEGREE	MISSING DEGREES	COMPLETE Yes/No
		Yes No	WE ORDER IT (IF APPLICABLE)			
$Q(x) = 2 - x^3 + x - x^2$	4	No	$-x^3-x^2+x+2$	3	No	Yes
$A(x) = 11x^5 - x$	2	Yes	No	5	4,3,2,0	No



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