Classifying Polynomials

	Polynomials	Degree	Name by Degree	Leading Coefficient	Number of terms	Name by terms
1)	$-6pq - p$					
2)	$9xyz$					
3)	$-4a - 3abc^2 + c + bc$					
4)	$-2k$					
5)	$n - 12m^2$					
6)	$t + 3t^2 - 7t^3$					
7)	$x + 4x^4 - 2 - x^2 + 3x^3$					
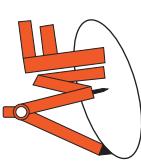
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Answer key

	Polynomials	Degree	Name by Degree	Leading Coefficient	Number of terms	Name by terms
1)	$-6pq - p$	2	quadratic	-6	2	binomial
2)	$9xyz$	3	cubic	9	1	monomial
3)	$-4a - 3abc^2 + c + bc$	5	quintic	3	4	polynomial
4)	$-2k$	1	linear	-2	1	monomial
5)	$n - 12m^2$	2	quadratic	-12	2	binomial
6)	$t + 3t^2 - 7t^3$	3	cubic	-7	3	trinomial
7)	$x + 4x^4 - 2 - x^2 + 3x^3$	4	quartic	4	5	polynomial