



Classifying Polynomials

Name _____

Score _____

CP:08

Classify each polynomial based on the degree and number of terms.

Q. No	Polynomials	Classify by degree and number of terms
1)	$4pqrs$	
2)	$-1 - a + 5b$	
3)	$2k^2 + k^3 - 10 - 6k$	
4)	$7 + 8t^5$	
5)	$4u + v - 2 - w + t - 3s$	
6)	$g + gh + h$	
7)	$3 - m^2 - n^2 + mn - mn^2$	
8)	$-c - cd$	
9)	$6t^4 + 3 - t^3 - t$	
10)	24	



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Answer key

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Classify each polynomial based on the degree and number of terms.

Q. No	Polynomials	Classify by degree and number of terms
1)	$4pqrs$	quartic monomial
2)	$-1 - a + 5b$	linear trinomial
3)	$2k^2 + k^3 - 10 - 6k$	cubic polynomial with 4 terms
4)	$7 + 8t^5$	quintic binomial
5)	$4u + v - 2 - w + t - 3s$	linear polynomial with 6 terms
6)	$g + gh + h$	quadratic trinomial
7)	$3 - m^2 - n^2 + mn - mn^2$	cubic polynomial with 5 terms
8)	$-c - cd$	quadratic binomial
9)	$6t^4 + 3 - t^3 - t$	quartic polynomial with 4 terms
10)	24	constant monomial