Classifying Polynomials

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

Q. No	Polynomials	Classify by degree and number of terms
1)	$3t + 4$	
2)	$8 - u + 2v - uv + uw$	
3)	11	
4)	$-7a - abc - c$	
5)	$9d$	
6)	$2k^2 - 1 + k^3 + 10k$	
7)	$s + p^2q^2r^2 + p + q - r + 1$	
8)	$m + 2n^4$	
9)	$8 - w^2 - w$	
10)	$g + h + g^2h^2 - 3 - h^2 - g^4$	

Classifying Polynomials

Name _____

Score _____

Answer key

CP:09

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

Q. No	Polynomials	Classify by degree and number of terms
1)	$3t + 4$	**linear binomial**
2)	$8 - u + 2v - uv + uw$	**quadratic polynomial with 5 terms**
3)	11	**constant monomial**
4)	$-7a - abc - c$	**cubic trinomial**
5)	$9d$	**linear monomial**
6)	$2k^2 - 1 + k^3 + 10k$	**cubic polynomial with 4 terms**
7)	$s + p^2q^2r^2 + p + q - r + 1$	**quintic polynomial with 6 terms**
8)	$m + 2n^4$	**quartic binomial**
9)	$8 - w^2 - w$	**quadratic trinomial**
10)	$g + h + g^2h^2 - 3 - h^2 - g^4$	**quartic polynomial with 6 terms**