Polynomials

Q. No	Polynomials	Number of terms	Degree	Leading Coefficient
1)	$15g$			
2)	$3d^2 + 1 - 9d^7 + d^3 - 3d^5 - d^4$			
3)	$8x^5 + y$			
4)	$m - n^7 - 6 - m^6n^7$			
5)	$5 + 4h^2 - 10h$			

1)   How many number of terms are there in the polynomial uvw?

   a)   2   b)   3   c)   1

2)   Choose the leading coefficient of the polynomial $5p - p^8 - 6p^6$?

   a)   5   b)   −1   c)   −6

3)   What is the degree of the polynomial $7x + 2x^5y^3z^2 - y^3 + z^5$?

   a)   10   b)   8   c)   5

Polynomials

Answer key

Q. No	Polynomials	Number of terms	Degree	Leading Coefficient
1)	$15g$	**1**	**1**	**15**
2)	$3d^2 + 1 - 9d^7 + d^3 - 3d^5 - d^4$	**6**	**7**	**−9**
3)	$8x^5 + y$	**2**	**5**	**8**
4)	$m - n^7 - 6 - m^6n^7$	**4**	**13**	**−1**
5)	$5 + 4h^2 - 10h$	**3**	**2**	**4**

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