



# Terms of Polynomials

Name \_\_\_\_\_

Score \_\_\_\_\_

IP:08

List out the terms and number of terms of each polynomial.

	Polynomials	List the terms	Number of terms
1)	$3y^5 - 1 + y - y^6 - 2y^2 + y^4 + y^3$		
2)	14		
3)	$p + q - 5 - pq$		
4)	$8 - m + n - mn^2 - m^3 + mn$		

Circle the like terms.

1)  $-3x^3y^2$  ,  $x^3y^2$  ,  $-3x^2y^3$  ,  $8x^3y^2$  ,  $-x^3y^2$

2)  $11h^4$  ,  $-2h$  ,  $10h$  ,  $-9h^5$  ,  $-h$

Circle the unlike terms.

1)  $uv^3$  ,  $-u^3v$  ,  $uv^2$  ,  $-uv^3$  ,  $-u^3v^3$

2)  $-5g^2$  ,  $-3g^3$  ,  $9g^3$  ,  $g^6$  ,  $-7g^3$



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## Answer key

IP:08

List out the terms and number of terms of each polynomial.

	Polynomials	List the terms	Number of terms
1)	$3y^5 - 1 + y - y^6 - 2y^2 + y^4 + y^3$	$3y^5, -1, y, -y^6, -2y^2, y^4, y^3$	7
2)	14	14	1
3)	$p + q - 5 - pq$	$p, q, -5, -pq$	4
4)	$8 - m + n - mn^2 - m^3 + mn$	$8, -m, n, -mn^2, -m^3, mn$	6

Circle the like terms.

1)  $-3x^3y^2$ ,  $x^3y^2$ ,  $-3x^2y^3$ ,  $8x^3y^2$ ,  $-x^3y^2$

2)  $11h^4$ ,  $-2h$ ,  $10h$ ,  $-9h^5$ ,  $-h$

Circle the unlike terms.

1)  $uv^3$ ,  $-u^3v$ ,  $uv^2$ ,  $-uv^3$ ,  $-u^3v^3$

2)  $-5g^2$ ,  $-3g^3$ ,  $9g^3$ ,  $g^6$ ,  $-7g^3$