

Name : _____

Degree & Leading Coefficient

L1S4

Find the degree and the leading coefficient of each polynomial.

	Polynomial	Degree	Leading Coefficient
1)	$-3m^2 - n - 4m^8n$		
2)			
3)			
4)			
5)			
6)			
7)			
8)	$r^2 - 6r^3 - 7r$		
9)	$y^3 + z^4 + 6yz$		

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Answer key

Degree & Leading Coefficient

L1S4

Find the degree and the leading coefficient of each polynomial.

	Polynomial	Degree	Leading Coefficient
1)	$-3m^2 - n - 4m^8n$	9	-4
2)	$2x^2 + 3x - 5$	2	2
3)	$5x^2 - 3x + 7$	2	-2
4)	$4x^4 - 2x^3 + x^2 - 1$	4	4
5)	$6x^5 - 4x^4 + 2x^3 - 1$	5	-5
6)	$9x^9 - 5x^8 + 3x^7 - 2x^6 + 1$	9	-9
7)	$8x^8 - 6x^7 + 4x^6 - 2x^5 + 1$	8	8
8)	$r^2 - 6r^3 - 7r$	3	-6
9)	$y^3 + z^4 + 6yz$	4	1

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