

Name:

Period:

Date:

## Practice Worksheet: Classifying & Describing Polynomials

Write each polynomial in standard form and state the degree, type, and leading coefficient. The first example has been done for you.

	Standard Form	Degree	Classify by Degree	Classify by Type	LC
<i>Example:</i> $7 - 2x$	$-2x + 7$	1	linear	binomial	-2
1] $3x + x^3 - x + x^3 - 2x$					
2] $x - 3(x^2 + 2) - 4x^3$					
3] $3x^2 + x^3 - (x^3 + 2x^2)$					
4] $(2x + 3)(2x - 3) - 4$					
5] $(x + 5)^2 + 3x^4 - 25$					
6] $2x - 2(x + 4)$					
7] $3(x + 1)^2 - 3x^2$					