Name: _____ Date: _____Period: _____

POLYNOMIAL VOCABULARY – HOMEWORK

Classify the following polynomials by degree and number of terms.

Polynomial	Degree of Polynomial	Classify by Degree	Classify by Terms
$53x + 12$			
$x^3 - 8$			
$2x^4 - x^3 + 5x^2 + x - 7$			
$-7x^2 + 4x - 1$			
24			
$10x$			

Write the following polynomials in standard form. Identify the degree and Leading Coefficient

Polynomial	Standard Form	Degree	Leading Coefficient
$y^2 + 3y^4 - 7y + 2y^3 - 4$			
$9x^4 - 2x^2 + 7x + x^5 - 2$			
$-2b^2 + 5ab + 7a^2$			
$-3m^2n^2 + 8mn^3 + m^3n$			
$7p^2 + 3p + 5p^2 + 4$			
$x^2 + 4x - 3 + 3x^2 - 3x$			
$5x^2 - x + 2x^2 + 4 - 3x^2$			