4

5

Naming Polynomials

3

2

Polynomials are named according to their degree and number of terms.

Polynomial:			
Degree	Name	# of Terms	Name

6

Degree	Name
0	
1	
2	
3	
4	
5	
n ≥ 6	

1

# Terms	Name
1	
2	
3	
n ≥ 4	

Unit 2 Polynomials
NOTES 1

Name:	
	Period:

Part One: Classifying Polynomials: Write each polynomial in the correct column based on its name.

Polynomials				
4x - 3	4x ³ - 3	$4x^2 - 2x + 1$	4,201	-11z
5y ² - 8	12x ³	$5x^3 + 2x^2$	$2x^2 - 10x + 1$	-23
2a	8g - 8	5x ²	3y ⁴	9x ⁴ + 9
-x³	-10x ⁵	$10x^2 - 8x + 8$	0	2h ² - 1,000

Constant Monomial	Linear Monomial	Quadratic	Cubic Monomial
Constant Monomiai	Linear Monomiai	Monomial	Cubic Monomiai
		Supplication of the Control of the C	
Fourth Degree	Linear Binomial	Quadratic Binomial	Cubic Binomial
Monomial	Emeur Emonia	Quadratic Dinomia	cable billomai
Quadratic	Cubic Trinomial	Fourth Degree	Fifth Degree
Trinomial		Binomial	Monomial

What is **STANDARD FORM.....**

Write the polynomial in standard form.

1.
$$3y + 4y^2 - 5$$

2.
$$5x^2 + 4 - 3x$$

3.
$$x - 7x^3 + 2$$