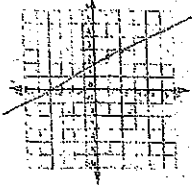
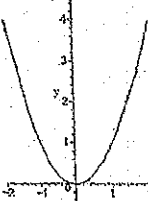
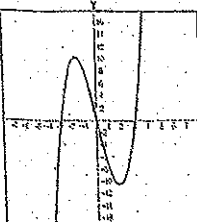
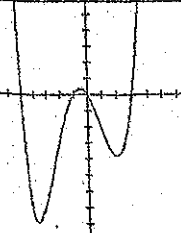
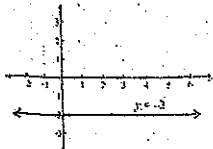


Polynomials

A polynomial is an expression made up of a _____ or the sum or difference of monomials.

A polynomial can be named based on its number of terms and its degree.

Polynomial	Degree	Name Using Degree	Number of Terms	Name Using Number of Terms	Graph
$3x + 2$	1			Binomial	
$a^2 - 3a + 5$		Quadratic	3		
$6z^3$	3			Monomial	
$2x^4 + 2x - 4$		4th Degree	3		
7	0		1	Monomial	
$2y^2 - 3xy$	4				NA

Mix and Match

1. Cut out the squares on the second sheet.
2. Match the equation with the degree.
3. Identify the equation by degree.
4. Identify the equation by the number of terms.

Name _____

Polynomial	Degree	Constant, Linear, Quadratic, Cubic?	Monomial, Binomial, Trinomial
$3x^2 + 5x - 7$			
$3x^2$			
$2x + 5$			
-123			
$-4x$			
6			
$3x^3 + 2x^2 - 1$			
$x^3 - 4x^2$			
$2x^3$			
$3x^2 - 4$			