Directions: Using your graphing calculator fill out the following table with your group

	Degree	Leading Term	Graph	Zeros	Factored
			-		
y = y					
y = x					
$y = x^2$					
$y = x^3$					
$y = x^4$					
, ,,					
5					
$y = x^5$					
$y = \frac{1}{5}x^4 - \frac{1}{5}x^3 + \frac{8}{5}x^2 + \frac{12}{5}x$					
$-\frac{1}{5}x^4 - \frac{1}{5}x^5 + $					
$\frac{1}{5}x^{2} + \frac{1}{5}x$					
$y = x^3 - 9x^2 +$					
27x - 27					
$y - y^4 - 7y^3$					
$y = x^4 - 7x^3 + 9x^2 + 27x - 54$					
$y = -x^3 - $ $3x^2 + 5x - 7$					
3x + 3x - 7					
$y = -\frac{1}{2}(x - 3)^2(x - 5)$					
$(3)^2(x-5)$					