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

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