Section 10.1A: Properties of a Polynomial **Name**_____

Fill in the table.

		Degree	Leading Coefficient	Constant	Number of Terms	Name of Using the Number of Terms	Standard Form
1.	2						
2.	$-43x + x^2 - 9$						
3.	$-x^2 + 7x^4 - 4 + 3x$						
4.	$9x$						
5.	$45x^{16}$						
6.	$-5x^9 + 7x^6$						
7.	$81x^7 + 9x + x^4 + 2$						
8.	$x^6 + 2x - x^3 + 6 - 2x^2$						
9.	x						
10.	$-9x^5 + 8x - 5 + 2x^6$						

Fill in the table.

		Degree	Leading Coefficient	Constant	Number of Terms	Name of Using the Number of Terms	Standard Form
11.	$3x + 6x^2 + 5$						
12.	$x^2 - 8x^4 + 5 + 4x$						
13.	$12x^2 + 6x^3 - 3x$						
14.	$-x$						
15.	$6 - 5x^2$						
16.	$-5x^2 + 7x^2 - 4x + 6$						
17.	$x^6 + 5x + x^6 + 3x$						
18.	$3x^4 + 5x - 3x^4 - 2x - 3x$						
19.	$-6x^5 + 5x^3 - 3x^5 - 2x - 3x^3$						
20.	$25x - 2x^2 - 3x^2 - 3 - 6x^3$						