

Complete the Activity in my room with Nspire calculator.

DATE: 2/21

Mr. B

### Re-engagement Activity

Directions: Graph each function on the N-spire and fill out the chart.

Function	Degree? Even or Odd?	L.C.? + or - ?	End Behavior?
$f(x) = x^3 - 2x + 1$			
$f(x) = x^2 - 3x^3 + 6x - 6$			
$f(x) = 5x^2 - 5x^3 + x^4 - 4x + 6$			
$f(x) = 5x^2 - x^4 - 2x - 1$			
$f(x) = x^5 + 4x^4 - x^3 - 9x^2 + 3$			
$f(x) = 6x^3 - 2x - 4 - x^5 + x^2$			

Conclusions:

Now fill in the chart without graphing the two functions below.

$f(x) = -x^{10} + 5x^8 - x^4 - 9x^3 + 3$			
$f(x) = x^{13} - 5x + 2$			