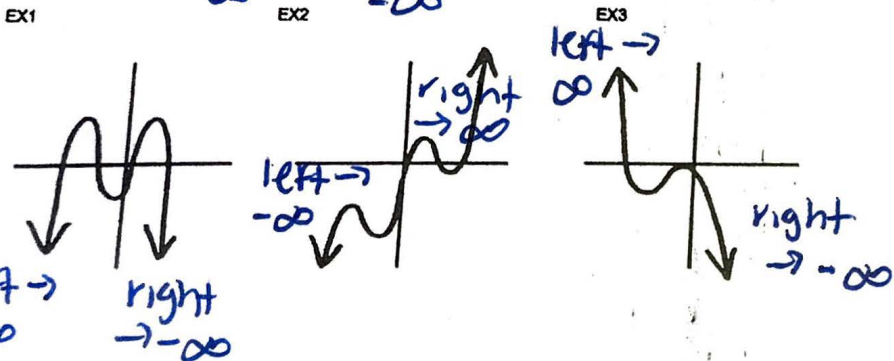


2.5 End Behavior & Zeros

GUIDED NOTES: Graphs of Polynomial Functions

End Behavior - determined by leading term of polynomial

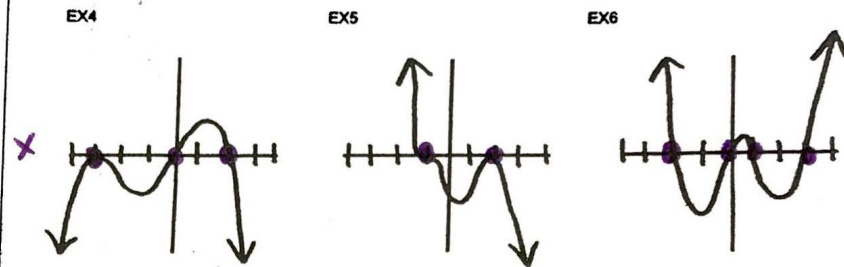
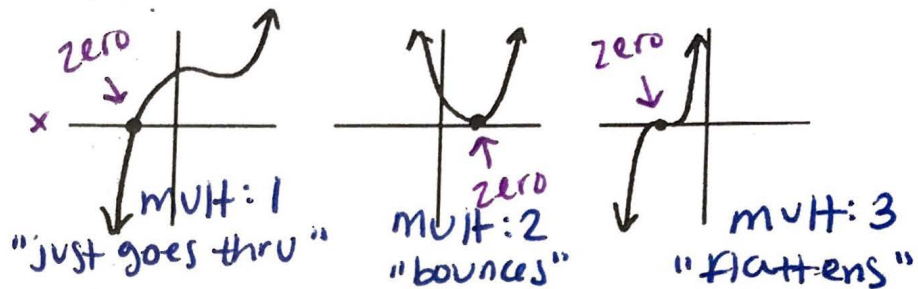
	even exponent	odd exponent
positive coefficient		
negative coefficient		



EVEN exponent Negative coefficient
 ODD Exponent Positive coefficient
 ODD Exponent Negative coefficient

Zeros and Multiplicity

Zero - any # you can put in for x to make the equation come out equal to zero



EX4: $x = -3$ mult: 2, $x = 2$ mult: 1, $x = 0$ mult: 1
 EX5: $x = -1$ mult: 3, $x = 2$ mult: 2
 EX6: $x = -2$ mult: 1, $x = 0$ mult: 1, $x = 1$ mult: 1, $x = 3$ mult: 1