

Name \_\_\_\_\_

Date \_\_\_\_\_

## Graphing Polynomial Functions - Guided Lesson

For each polynomial function listed below:

- Sketch a graph of this function.
- What is the maximum number of turns a graph of this function could make?
- List all the possible real zeros.



1)  $x^4 + x^3 + 3$

2)  $x^2 + 3x - 5$

3)  $x^2 - x^3 + 6$

