Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Advanced Functions and Modeling Unit 10 Homework 4**

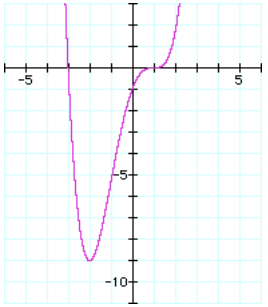
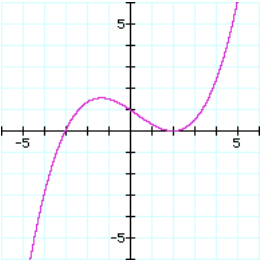
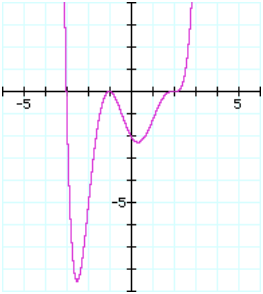
**Write a polynomial function in standard form with the given zeros.**

1. 2. ; reflected over 3.

the x-axis

4. 5. ; reflected over the x-axis

**Assuming a leading coefficient of 1, all real zeros, and multiplicities of 1 – 3, write the polynomial function using the zeros from the graph.**

6.  7.  8.