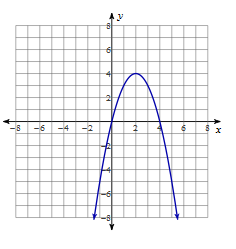
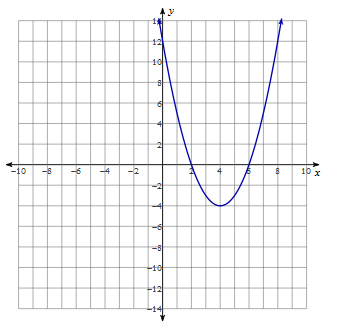
NC Math 1B Unit 4 Part I Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Homework Lesson 1: Key Features of a Parabola**

**I. Identify the key features below each graph.**



1. 2.

Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_\_\_\_

Vertex: \_\_

Y- Intercept: \_\_

Zeros: \_\_

X- Intercepts: \_\_

Maximum or Minimum (Circle)

Axis of Symmetry: \_\_\_\_\_\_\_\_\_\_\_\_\_

Vertex: \_\_

Y- Intercept: \_\_

Zeros: \_\_

X- Intercepts: \_\_

Maximum or Minimum (Circle)

**II. Solve by the indicated method**

3. Factoring: 4. Square Root:

5. Square Root: 6. Factoring:

**III. Review**

7. 8. 9. 10.