**Algebra 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.1 Preview**

**Graph the following quadratics. Identify the vertex.**

|  |  |
| --- | --- |
| **vertex:**  **direction of opening: up or down** | 2.  **vertex:**  **direction of opening: up or down** |
| 3.  **vertex:**  **direction of opening: up or down** | 4.  **vertex:**  **direction of opening: up or down** |