

Name: \_\_\_\_\_

Date: \_\_\_\_\_

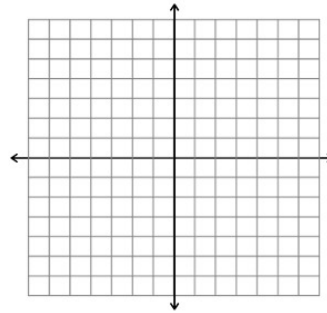
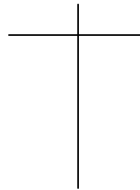
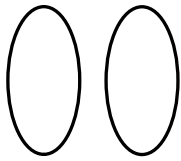
**HW # 14:** Algebra 1 - Standard 9 - Representing Relations

5 points

**Express each relation as a table, a graph, and a mapping. Then determine the domain and range.**

Show work needed to justify your answer.

1.  $\{(-1, -1), (1, 1), (2, 1), (3, 2)\}$



5. **DEMAND** The graph represents the price of an item and the number of items purchased.

- a. Identify the independent and dependent variables of the relation.
- b. Describe what happens in the graph.



6. **AIRPLANES** The graph represents the number of hours of a flight and the distance an airplane is from the ground.

- a. Identify the independent and dependent variables of the relation.
- b. Describe what happens in the graph.

