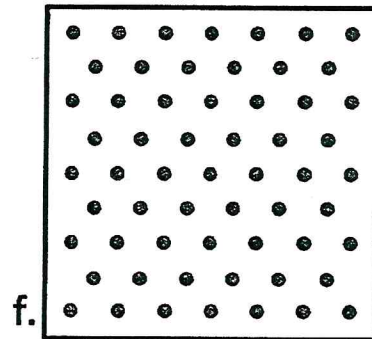
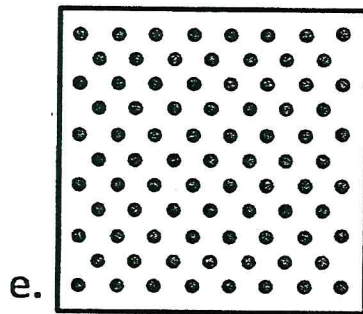
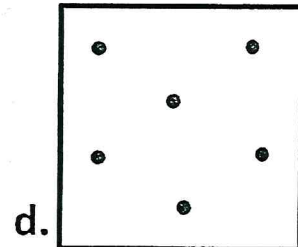
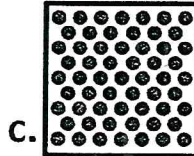
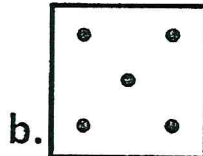
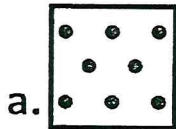


Name: \_\_\_\_\_

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

## Mass, Volume and Density without Numbers

We have recently talked about the relationship between mass, volume and density. In this worksheet we will continue to explore this relationship. Below are several squares of various sizes which represent their volume. The number of dots inside the squares represents the mass of the object. Answer the questions about the squares that follow.



1. Which object has the greatest mass? Explain. \_\_\_\_\_

\_\_\_\_\_

2. Which object has the smallest mass? Explain. \_\_\_\_\_

\_\_\_\_\_

3. Which object has the largest volume? Explain. \_\_\_\_\_

\_\_\_\_\_

4. Which object has the smallest volume? Explain. \_\_\_\_\_

\_\_\_\_\_

5. Which two objects have the same volume? Explain. \_\_\_\_\_

\_\_\_\_\_

6. Which two objects have the same mass? Explain. \_\_\_\_\_

\_\_\_\_\_