

Name: _____

Date: _____

Introduction to Matter

Using your class notes and the reading we did in the text last week, answer the following questions.

1. What is matter? _____

2. You are talking to your friend about the Oobleck lab we did last week. Describe the reactants (ingredients) that we used and two observations about what happened when we mixed them. _____

3. Your friend asks you whether the change in matter during this lab was a **physical change** or a **chemical change**. What would you tell her? How would you prove it to her? _____

4. Is Oobleck a solid, liquid or gas? Or does it depend on the situation? Use complete sentences to explain your answer. _____

5. Your same friend is struggling with the idea that gasses like air are considered to be matter. Think about this, and use the space below to describe a physical demonstration that you could do to show your friend that air:

a. Takes up space. _____

b. Has mass. _____

6. If you had the density and volume of a gas, could you calculate it's mass? How? _____
