

Name \_\_\_\_\_ Date Due \_\_\_\_\_

## Homework 2 – Matter

**1. Sort these things into solid, liquid or gas: carbon dioxide, brick, water, oil, oxygen, methane, table, plasticine, hair gel, toast, butter.**

**2. Why is the total volume of  $100 \text{ cm}^3$  of sand and  $100 \text{ cm}^3$  of peas usually less than  $200 \text{ cm}^3$ ?**

**3. Why can we smell perfume from the other side of the room? Be sure to use the word “diffuse” in your answer!**

**4. What is the story of a drop of water? Be sure to use the words “condensation”, “evaporation” and “precipitation” in your answer!**