

Matter HW - 1 Name \_\_\_\_\_

Read your mater diary. Use it to help you answer questions here.

1. Define these terms in your own words, use examples to expand your answers.

element	
mixture	
substance	
homogeneous	
heterogeneous	
matter	
compound	

2. What elements are Hg and W? Why are these symbols used and not "M" or "T"? What language are these symbols from?

3. Which state of matter do the following exist at normal room temperatures? Write S, L, or G for solid, liquid or gas.

\_\_\_ gold    \_\_\_ gasoline    \_\_\_ helium    \_\_\_paraffin wax    \_\_\_rubbing alcohol  
\_\_\_ mercury    \_\_\_ carbon    \_\_\_ silicon    \_\_\_ sodium    \_\_\_ bromine

4. List three substances that you have experienced in at least 2 physical states. Try for at least one that you have experienced in all three states of matter.