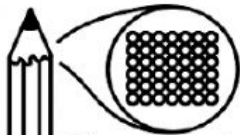


Name: \_\_\_\_\_

Grade: \_\_\_\_\_

# Why Does Matter Matter?

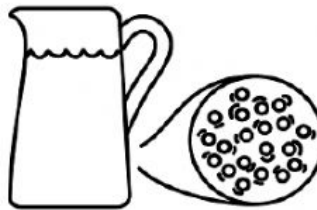
## Solid



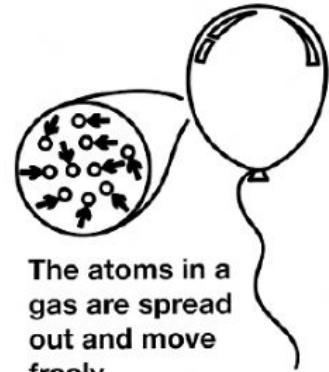
The atoms in a solid are packed closely together. They bond together and do not change shape.

## Liquid

The atoms in a liquid are close together. They slide around.



## Gas



The atoms in a gas are spread out and move freely.

You can see three different states of matter in this picture. The pot is made of solid matter. The water inside the pot is liquid. When the liquid is heated it becomes water vapor, which is a gas.



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

# Why Does Matter Matter?

solids	volume	container	matter	ice	juice
gases	mass	atoms	chair	oxygen	melting
liquids	shape	space	milk	helium	

Choose a word from the box to complete each sentence.

1. The three basic properties of matter are \_\_\_\_\_,  
\_\_\_\_\_, and \_\_\_\_\_.
2. All matter is made up of tiny particles called \_\_\_\_\_.
3. Volume is the amount of \_\_\_\_\_ that matter takes up.
4. Mass is the amount of \_\_\_\_\_ an object has.
5. Liquids take the shape of their \_\_\_\_\_.
6. \_\_\_\_\_ do not have a definite shape or volume.
7. \_\_\_\_\_ do not have a definite shape, but they do have a definite volume.
8. \_\_\_\_\_ have a definite shape and volume.
9. A \_\_\_\_\_ and \_\_\_\_\_ are examples of solids.
10. \_\_\_\_\_ and \_\_\_\_\_ are examples of liquids.
11. \_\_\_\_\_ and \_\_\_\_\_ are examples of gas.
12. Solid ice is \_\_\_\_\_ when it is changing into a liquid.