

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

**Lesson 21 – MATTER QUESTIONS** – Use the information in the notes to answer the following questions.

1. Matter is anything that has \_\_\_\_\_ and \_\_\_\_\_. (2)
2. The three states of matter are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_. (3)
3. \_\_\_\_\_ is the amount of matter in an object. (1)
4. \_\_\_\_\_ is the amount of space matter takes up. (1)
5. What is one difference between mass and weight? (1)
  - a. an object's mass never changes; its weight may measure differently depending on the force of gravity.
  - b. mass is greater than weight.
  - c. weight can be measured; mass cannot.
  - d. objects only have weight on Earth; objects have mass anywhere.
6. When you put a solid into a jar, it will \_\_\_\_\_. (1)
  - a. change its shape
  - b. change its size
  - c. change its volume
  - d. keep its shape and volume
7. Matter is anything that \_\_\_\_\_. (1)
  - a. takes up space
  - b. is made of atoms
  - c. has mass
  - d. all of the above

Match each word with the correct statement by writing the correct LETTER on the blank line. (10)

_____ 1. matter	a. the pull of gravity on matter
_____ 2. balance	b. can change
_____ 3. graduated cylinder	c. the amount of space matter takes up
_____ 4. volume	d. involves using the senses
_____ 5. gas	e. used to describe matter
_____ 6. mass	f. measures mass
_____ 7. weight	g. measures volume
_____ 8. physical property	h. most are invisible
_____ 9. indefinite	i. the amount of matter in an object
_____ 10. property	j. anything that has mass and occupies space