

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)

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| _____ 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 | k. anything that has mass and occupies space |