

NAME:

PERIOD:

DATE:

## VOLUME HOMEWORK 4

Answer all questions as best you can. Use your notes to help you.

PART ONE: DEFINITION. Write the definition of volume.

0. Volume -

PART TWO: MATCHING. Match the volume unit with the correct system.

- |                          |                   |
|--------------------------|-------------------|
| 1. _____ gallons         | E. English system |
| 2. _____ liters          | M. Metric system  |
| 3. _____ in <sup>3</sup> |                   |
| 4. _____ cm <sup>3</sup> |                   |
| 5. _____ cups            |                   |
| 6. _____ milliliters     |                   |

PART THREE: FILL IN THE BLANKS. Fill in the blanks with the correct answer.

7. A \_\_\_\_\_ is the tool we use in science class to measure volume.
8. When we are using the tool from #7, we have to look at the bottom of the \_\_\_\_\_ to read it correctly.

PART FOUR: CIRCLE ALL THAT ARE CORRECT. Circle the letter(s) of **ALL** answers that are correct.

9. Volume...

- A. is a measurement of the amount of matter that makes up an object.
- B. is a measurement of the amount of space an object takes up.
- C. describes how much room a substance fills.

10. Volume...

- X. is measured with a triple beam balance.
- Y. can tell how much a container can hold.
- Z. describes how "heavy" an object is.

