

NAME:

PERIOD:

DATE:

Volume Classwork #1

Answer all questions as best you can. Use your book or notes. Be specific. Be scientific.

1. The volume of an object is a measurement of...

- a. How heavy it is. B. How much space it takes up. C. Both of these.

2. In the list below, **circle all examples** of volume. There are more than one.

If you know what the other measurements are, write them after the example.

- Jacob stood on the scale and saw he had gained 5 lbs.
- Jennifer told Mary that the glass was half empty.
- Dean was 5 ft. 7 in. tall.
- As Candice filled the aquarium, she noticed she did not have enough water.
- The straw that Sarah drew was 6.8 cm long.
- The bananas that Vince bought made the scale say, "1¼ lbs."
- Eric knew he would never be able to fit all the boxes inside the moving van.
- Dewey poured all four bags of sand into the sandbox and it overflowed.
- It took 3 hours for Mandy to get to her grandmother's house.
- Janice thought the graduated cylinder said 39 mL, but Anna thought it was 40 mL.



3. Circle **any unit** below that could be used to **measure** something's **volume**.

- | | | | | |
|-------------|-------------|-------------------|---------|-----------------|
| inches | milliliters | centimeters | pounds | in ³ |
| kilograms | liters | cubic centimeters | pints | ° Celsius |
| cubic grams | gallons | ° Fahrenheit | seconds | cm ³ |