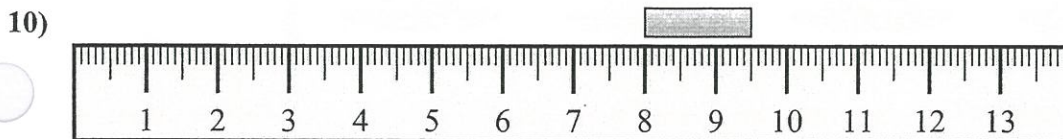
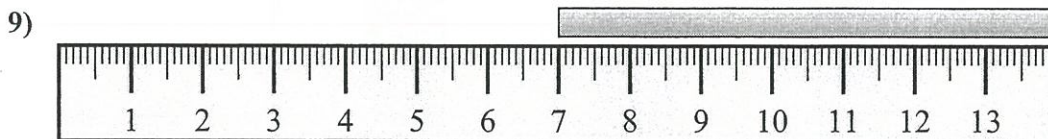
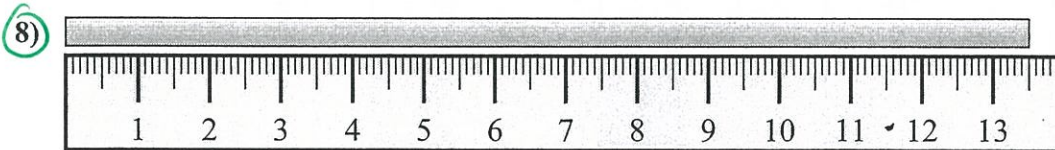
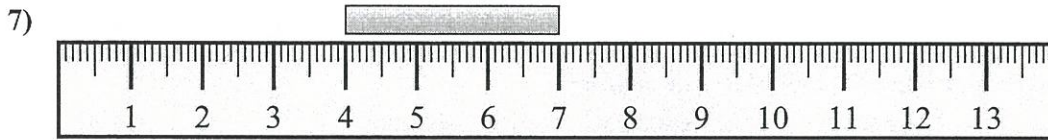
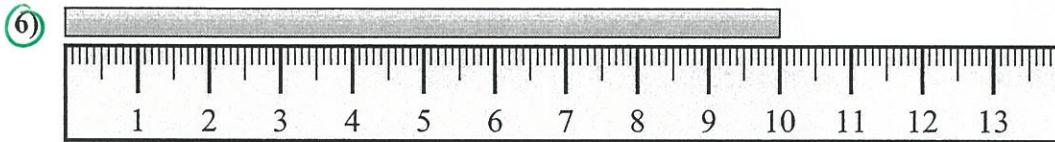
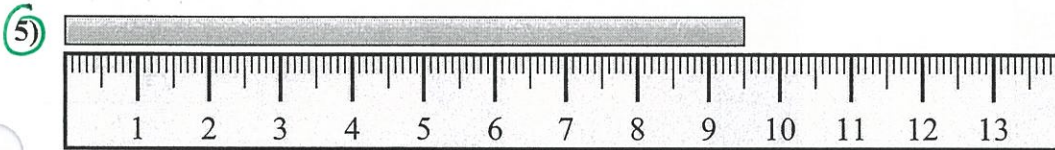
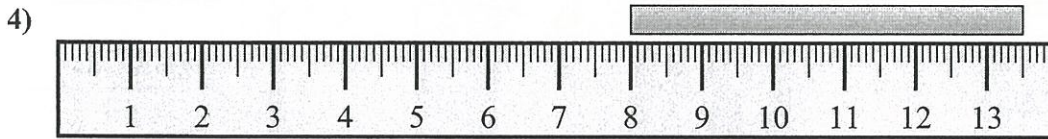
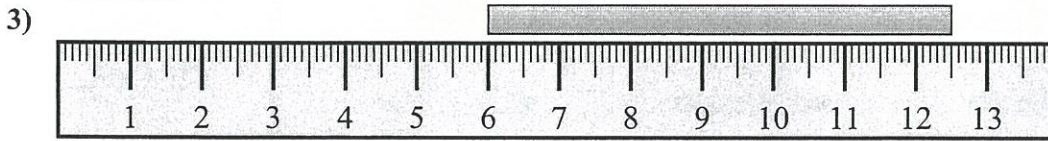
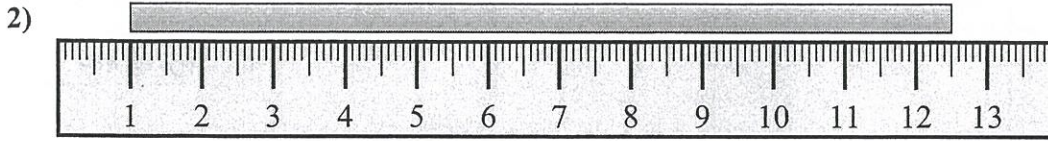
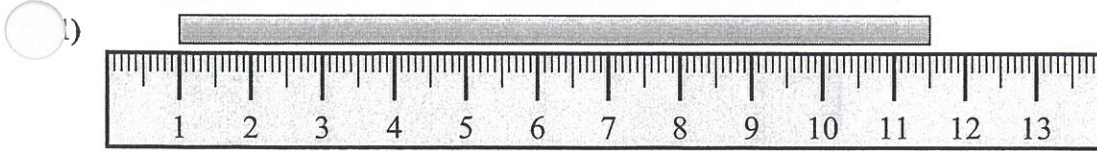


KEY

Finding Metric Length

Name: _____

Find the length of each bar. Write your answer in centimeters (cm).



Answers

1. _____

2. _____

3. _____

4. _____

5. 9.5 cm

6. 10.0 cm

7. _____

8. 13.5 cm

9. _____

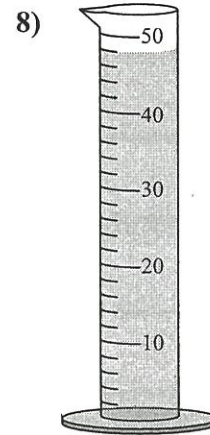
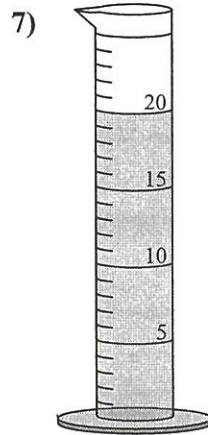
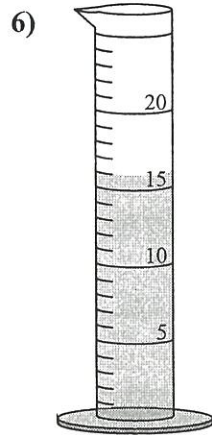
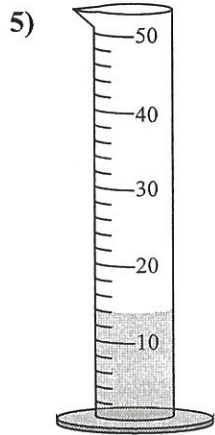
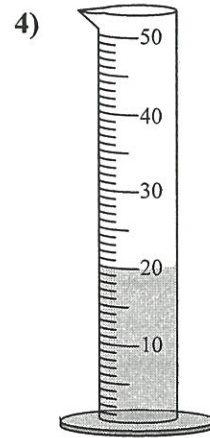
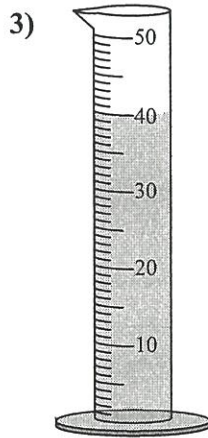
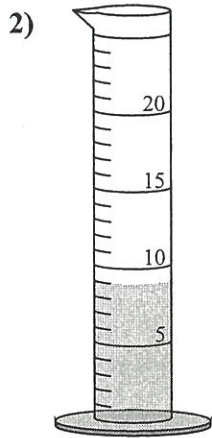
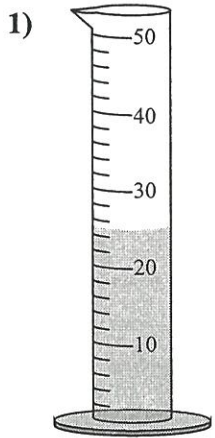
10. _____



Graduated Cylinders

Name: _____

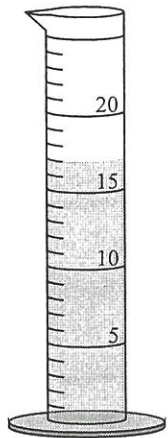
Determine how much liquid is in each graduated cylinder.



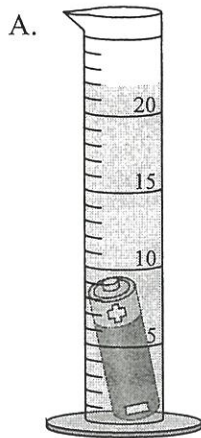
Answers

1. 22.5 mL
2. 9.0 mL
3. 40.0 mL
4. 20.0 mL
5. 14.0 mL
6. 16.0 mL
7. 20.0 mL
8. 48.0 mL
9. A
10. B

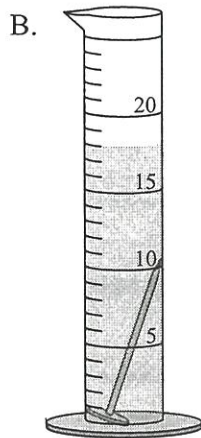
Four different objects were placed in a graduated cylinder 1 at a time:



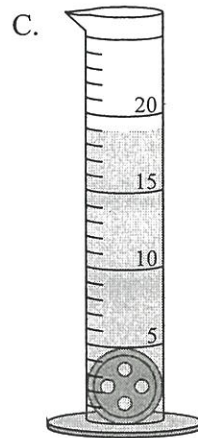
Empty



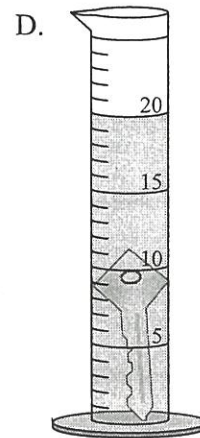
battery



nail



button

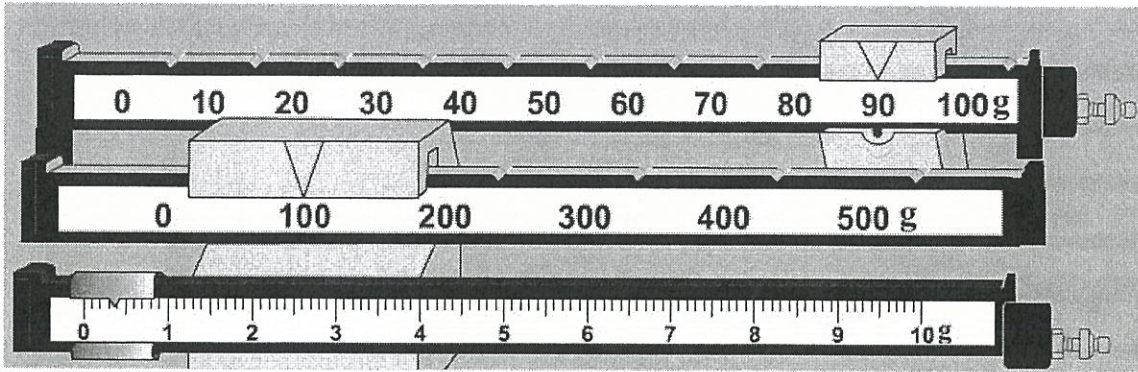


key

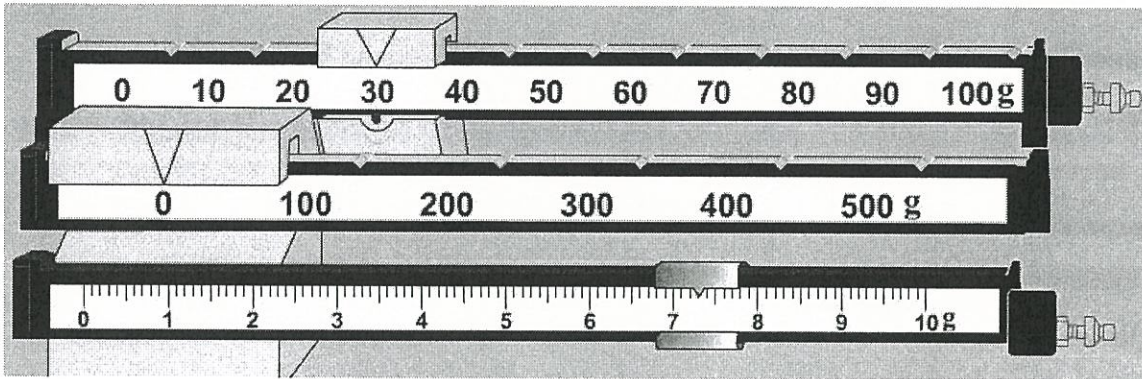
- 9) Which object had the greatest volume?
- 10) Which object had the least volume?

Triple Beam Balance Practice

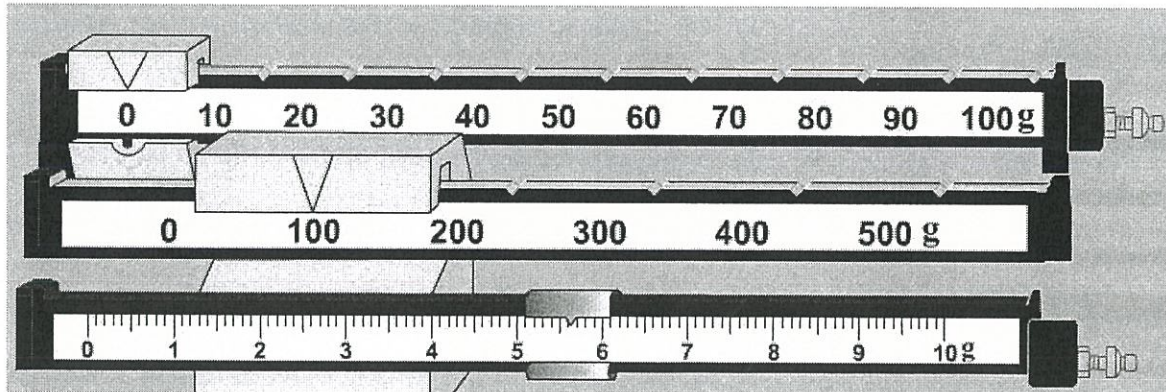
Record the mass show on each balance. Remember to include both the value on the beams and the unit of measurement.



1. 190.4 g



2. 37.3 g



3. 105.6 g

Unit 2 Vocabulary Quiz

Directions: Before you begin, complete the text box at the bottom of the page; indicate how much you studied and what you think your grade will be. Then, match each vocabulary word with its definition. Record your answer using capital letters in the spaces provided.

- | | |
|---|---|
| 1. <u>B</u> Liter | A. A measure of the gravitational force exerted on an object. |
| 2. <u>C</u> Density | B. Liquid volume is expressed in this unit. |
| 3. <u>N</u> Volume | C. The ratio of the mass of a substance to the volume of the substance. |
| 4. <u>E</u> Temperature | D. A tool used to measure the volume of liquids. |
| 5. <u>I</u> Meter | E. A measure of how hot or cold something is. |
| 6. <u>J</u> Meniscus | F. The mass of an object is expressed in this unit. |
| 7. <u>A</u> Weight | G. A system of units based on the meter, the kilogram, and the second. |
| 8. <u>M</u> Triple Beam Balance | H. The difference in volume when an object is placed in a graduated cylinder. |
| 9. <u>F</u> Gram | I. The basic unit of measurement in the SI. |
| 10. <u>H</u> Displacement | J. The curve at a liquid's surface by which one measures the volume of a liquid. |
| 11. <u>L or G</u> Metric System | K. A measure of the amount of matter in an object. |
| 12. <u>L or G</u> International System of Units | L. System of measurement that is expressed in multiples of 10. |
| 13. <u>D</u> Graduated Cylinder | M. A type of scale used to measure the mass of an object. |
| 14. <u>K</u> Mass | N. A measure of the size of an object or region in a three dimensional space. |

Study Time: _____

What do you think your grade will be? _____