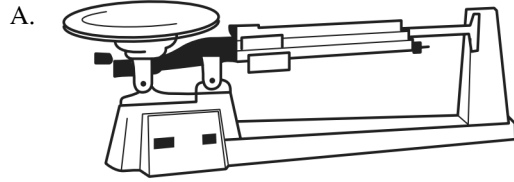


RQ Metric Measurements

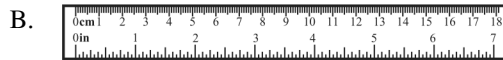
Name: _____

Date: _____

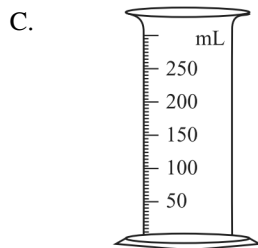
1. Which of the following instruments is *best* to use to measure the **volume** of a liquid?



Triple beam balance



Ruler

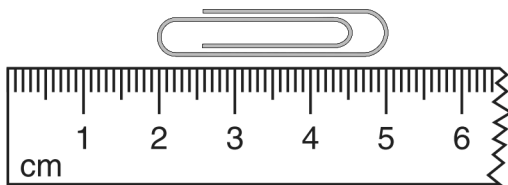


Graduated cylinder



Thermometer

2. Use the picture below to answer the following question.



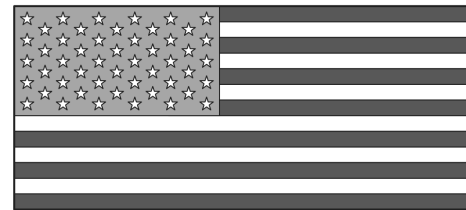
What is the length of the paper clip to the nearest centimeter?

- A. 2 B. 3 C. 5 D. 6

3. Mr. Nelson measured a bucket and said it was about 5,000 cubic centimeters. What did he measure?

- A. Radius B. Volume
C. Area D. Perimeter

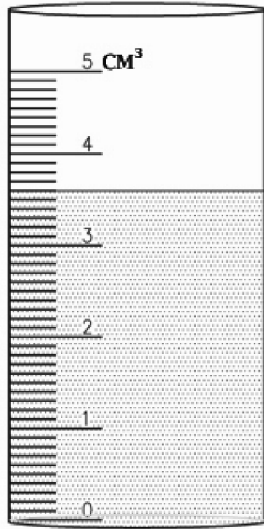
4. Juanita used the ruler below to measure the length of the flag drawn below.



Which is closest to the length of the flag?

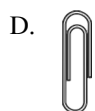
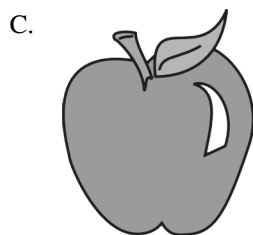
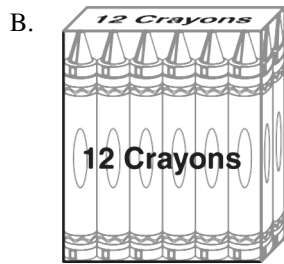
- A. 79 meters B. 79 decimeters
C. 79 centimeters D. 79 millimeters

5. Estimate the volume of the liquid in the cylinder to the nearest cm^3 .

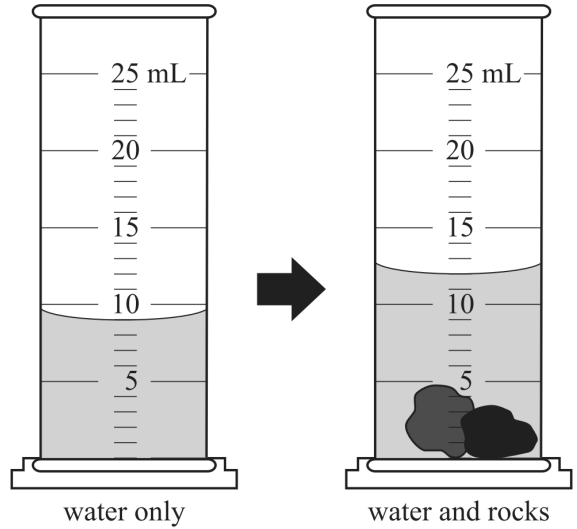


- A. 0.36 cm^3 B. 3.6 cm^3
 C. 36 cm^3 D. 360 cm^3

6. Which object has a mass of about 1 gram?



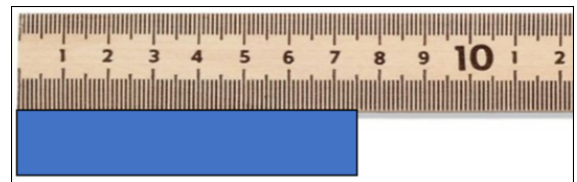
7. A student puts water in a graduated cylinder and carefully adds two small rocks.



What is the volume of the rocks?

- A. 2 mL B. 3 mL C. 5 mL D. 12 mL

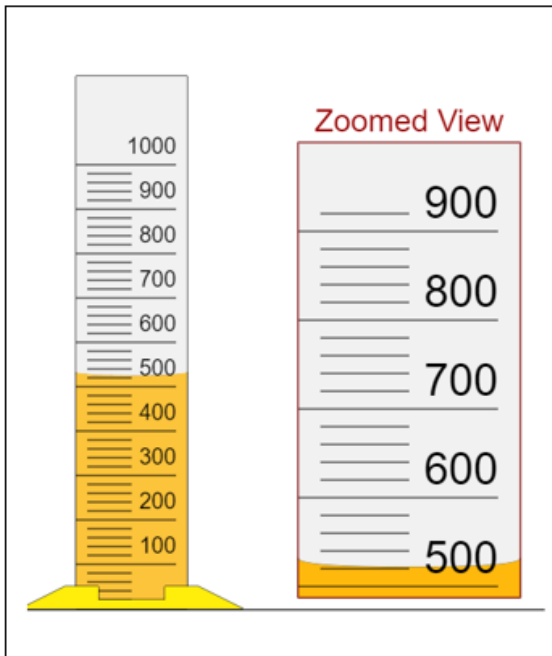
- 8.



What is the length of the blue rectangle, in the above image?

- A. 7.5 m B. 7.5 dm
 C. 7.5 cm D. 7.5 mm

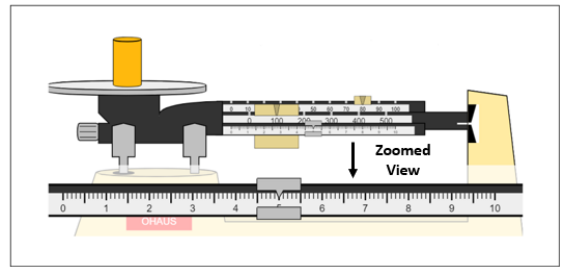
9.



What is the volume of the liquid?

- A. 520 L
- B. 520 dL
- C. 520 cL
- D. 520 mL

10.



What is the mass of the yellow cylinder?

- A. 185 kg
- B. 185 g
- C. 185 cg
- D. 185 dg