

6th Grade Science

Blizzard Bag #1

Lab Safety Review

Name _____

Due Date _____

1. Robert was not sure how to read a metric ruler, so he asked his lab partner Luis for some help.

What is the length of the line above the ruler?



- A. 4.5 cm
- B. 5.5 cm
- C. 6 cm
- D. 5 cm

2. Which of the following laboratory tools would be most appropriate for measuring the approximate volume of a liquid?

- A. thermometer
- B. beaker
- C. balance
- D. tweezers

3. Rebecca has samples of different types of metal, and she wants to find the density of each. First, she measures the volume of each sample. Now she needs to measure the samples' masses.

Which of the following tools should Rebecca use to measure the mass of each sample?

- A. balance
 - B. graduated cylinder
 - C. measuring tape
 - D. calipers
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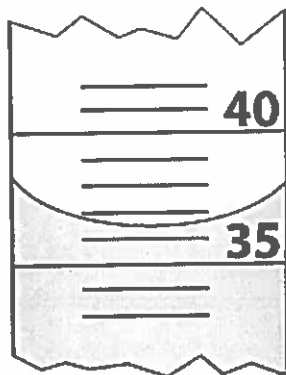
4. Which of the following could be used to measure time in a scientific investigation?

- A. a spring scale
 - B. a stopwatch
 - C. a thermometer
 - D. a meter stick
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5. Betty is studying vein patterns in leaves. Which of the following tools could help Betty examine the leaves' veins in greater detail?

- A. a hygrometer
 - B. a graphing calculator
 - C. a hand lens
 - D. a compass
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6. As a part of a laboratory investigation, Emily measured the volume of water in a graduated cylinder. Which of the choices correctly identifies the volume of water in the graduated cylinder?



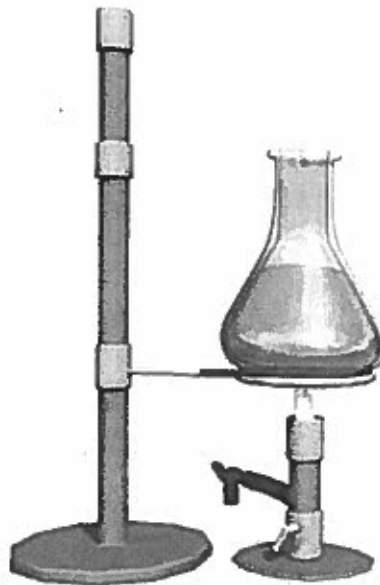
- A. 36.5 mL
- B. 38 mL
- C. 37 mL

D. 35 mL

7. Which of the following would be the best tool for looking at cells in a scientific investigation?

- A. a telescope
 - B. a pH meter
 - C. a hand lens
 - D. a microscope
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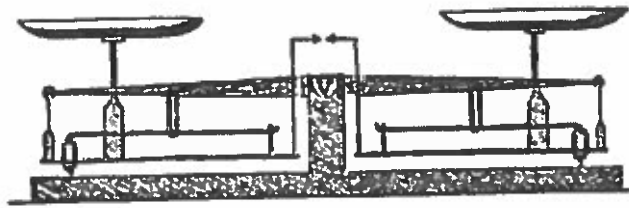
8. Tamora is heating a liquid to find the temperature at which the liquid boils.



Which piece of laboratory equipment should Tamora use to measure the temperature of the liquid once the boiling has begun?

- A. thermometer
 - B. balance
 - C. timer
 - D. microscope
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9. Emily sees the following tool in her science lab.



What is this tool used to measure?

- A. an object's volume
 - B. an object's density
 - C. an object's mass
 - D. an object's length
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