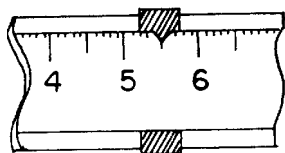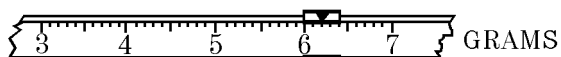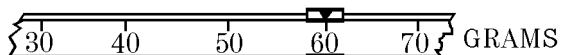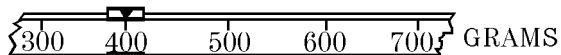**Name:** _____   **Date:** _____

1. A piece of copper metal is correctly placed on a triple-beam balance. The riders at the zero mark except for the rider on 0–10 gram beam which is located at the position shown. What is the mass of the copper metal?

    Ⓐ 0.455 g
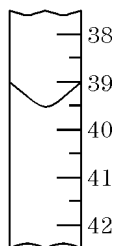
    Ⓑ 4.56 g

    Ⓒ 0.55 g

    Ⓓ 5.50 g

2. The diagram shown represents a portion of a triple-beam balance. If the beams are in balance, with the riders in the position shown, what is the total mass in grams of the object being massed?

    Ⓐ 460.62   Ⓑ 466.20

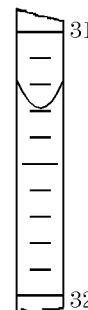   Ⓒ 466.62   Ⓓ 460.20

3. The diagram shown represents a portion of a buret. What is the reading of the meniscus?

    Ⓐ 39.2 mL   Ⓑ 39.5 mL

    Ⓒ 40.7 mL   Ⓓ 40.9 mL

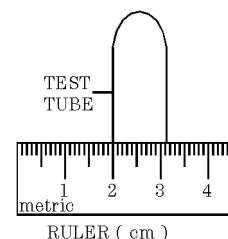4. The diagram pictured shows a portion of a buret. What is the reading of the meniscus?

    Ⓐ 31.28 mL   Ⓑ 31.72 mL

    Ⓒ 32.28 mL   Ⓓ 32.72 mL

5. A student has to measure the diameter of a test tube in order to calculate the tube's volume. Based on the diagram shown, the tube's diameter is closest to

    Ⓐ 1.25 cm

    Ⓑ 2.32 cm

    Ⓒ 3.25 cm

    Ⓓ 12.5 cm

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1.
Answer: D

2.
Answer: B

3.
Answer: B

4.
Answer: A

5.
Answer: A