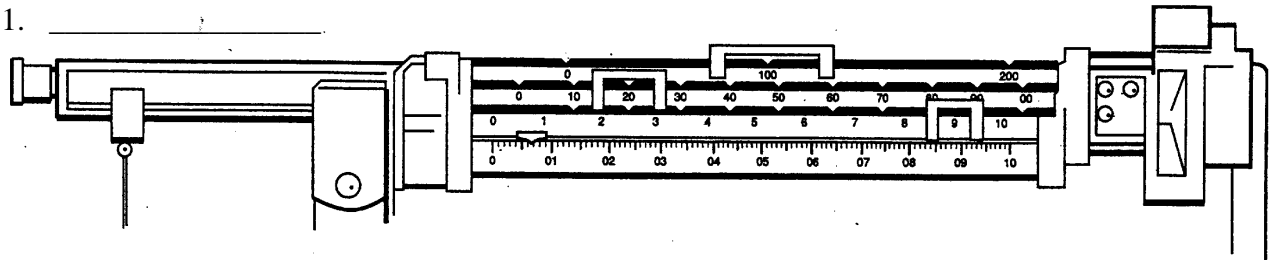


Finding Mass with a Balance

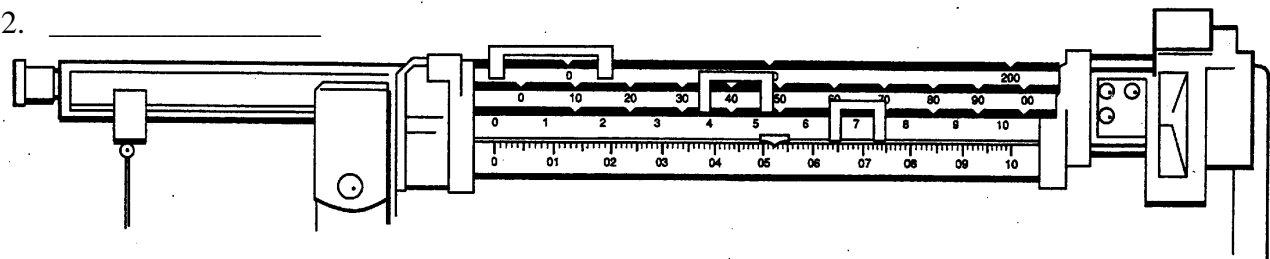
Write down the mass of the object shown on each balance. You need three decimal places.

A. Explain why 3 decimal places are needed for this device: _____

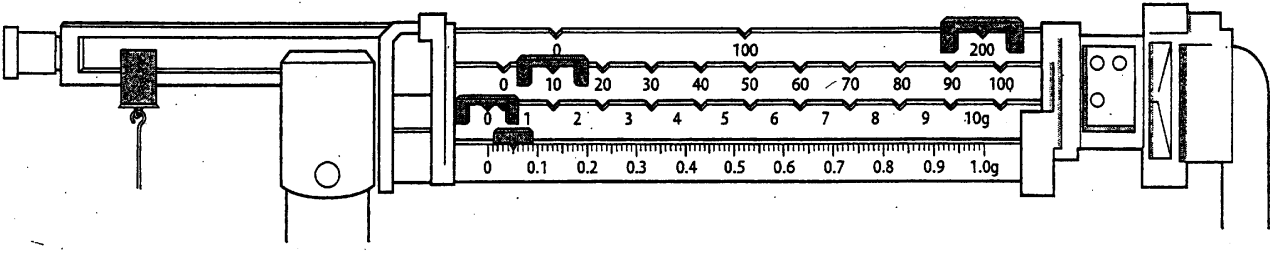
1. _____



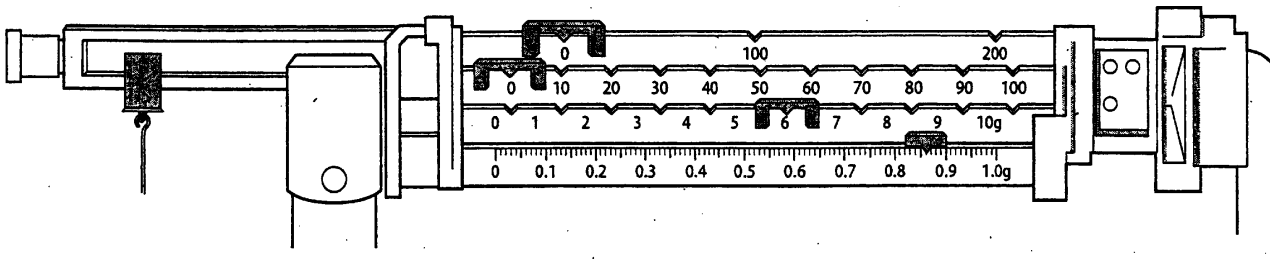
2. _____



3. _____

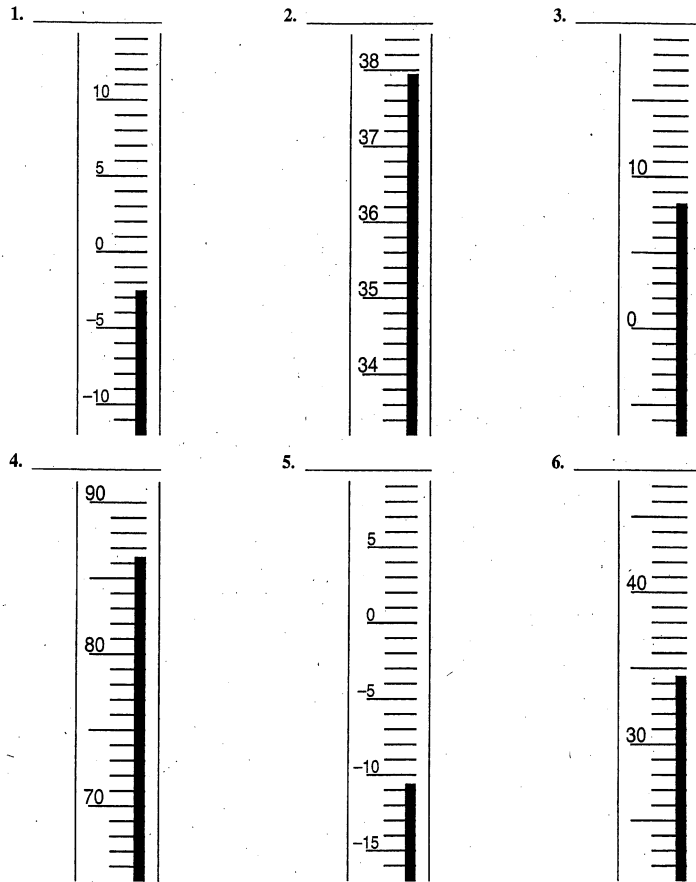


4. _____



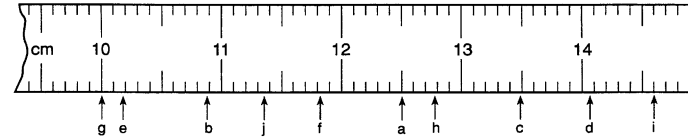
Measuring Temperature

Read the temperature on each thermometer.
Use one decimal place.



Using a Metric Ruler

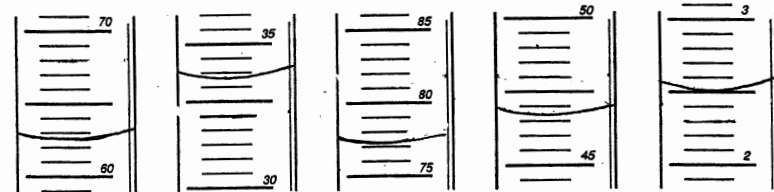
Write the length that corresponds to each arrow along the ruler. Use two decimal places for each.



- a. _____ f. _____
 b. _____ g. _____
 c. _____ h. _____
 d. _____ i. _____
 e. _____ j. _____

Graduated Cylinder

Indicate the volume shown by each graduated cylinder. Use one decimal place, except for 'e', which needs two.



- a. _____ b. _____ c. _____ d. _____ e. _____
-
- f. Graduated cylinder with scale from 60 to 70. Major markings every 10 units, minor markings every 2 units. The liquid level is at 67.5.
- g. Graduated cylinder with scale from 30 to 35. Major markings every 5 units, minor markings every 1 unit. The liquid level is at 33.5.
- h. Graduated cylinder with scale from 75 to 85. Major markings every 5 units, minor markings every 1 unit. The liquid level is at 81.5.
- i. Graduated cylinder with scale from 45 to 50. Major markings every 5 units, minor markings every 1 unit. The liquid level is at 48.5.
- j. Graduated cylinder with scale from 2 to 4. Major markings every 1 unit, minor markings every 0.1 units. The liquid level is at 3.5.
- f. _____ g. _____ h. _____ i. _____ j. _____