

7. If the three values for the average thickness of a single sheet in a given book as recorded in Table 1-3 are slightly different, which value do you think is the most reliable? Explain.

8. If the values for the average thickness of a single sheet of Book A as recorded in Tables 1-3 and 1-5 are different, which value do you think is most reliable? Explain.

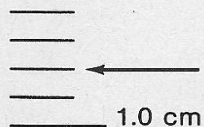
9. Assume that the average volume of an adult human body is one-tenth cubic meter (0.10 m^3) and that there are two billion (2.0×10^9) adults in the world.

a. What would be the total volume of all the adults in the world?

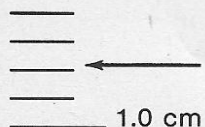
b. Compute the length of one edge of a cubic container that has a volume equal to the volume of all the adults in the world.

10. State the most acceptable value for each of the following readings:

(a) _____ 1.5 cm



(b) _____ 1.5 cm



(c) _____ 1.5 cm

