

VIDYA BHAWAN BALIKA VIDYAPEETH

STUDY MATERIAL SCIENCE

CLASS-VI

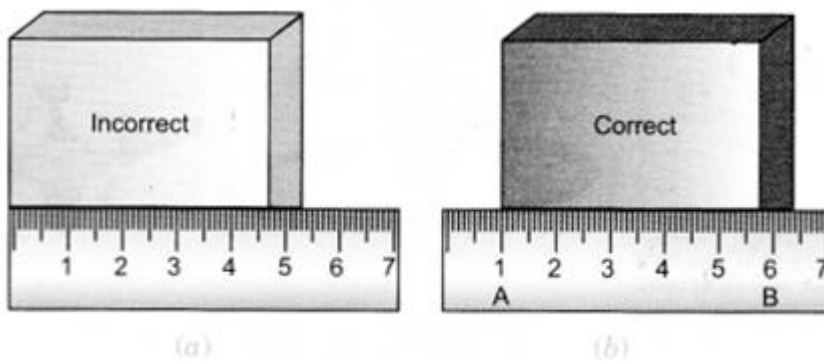
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► Motin and Measurement

Measurement with a scale with broken ends

- Avoid taking measurements from zero mark.
- Use any other full mark of the scale, say 1.0 cm.
- Subtract the reading of this mark from the reading at the other end. For example, in Fig. 10.3 (6), the reading at starting mark is 1.0 cm and at the other end it is 6.5 cm. Therefore, the length of the object is $(6.5 - 1.0) \text{ cm} = 5.5 \text{ cm}$.



(a) and (b) Method of placing the scale with broken ends