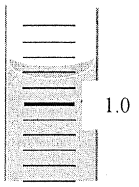
Uncertainty

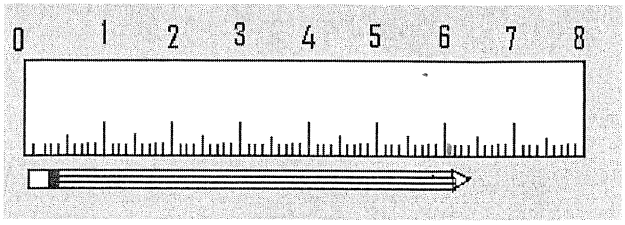
1. Write the appropriate measurement for each picture / diagram.

Determine the volume of liquid



1.0 ±

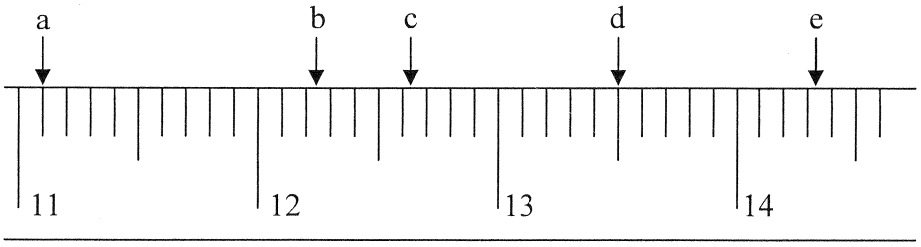
Determine the length of the pencil



6.4 cm ± .5

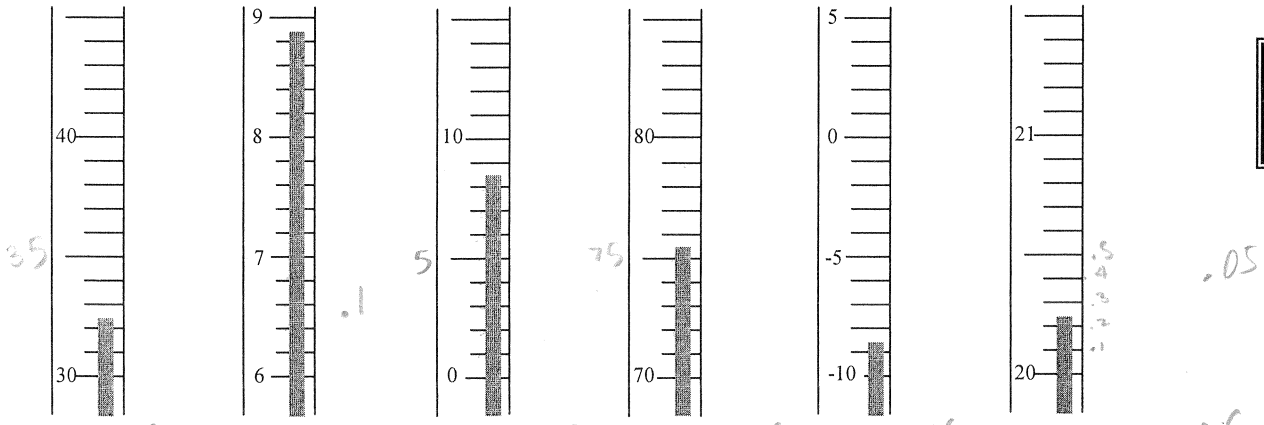
2. For the instruments shown below, record the correct reading.

Use cm



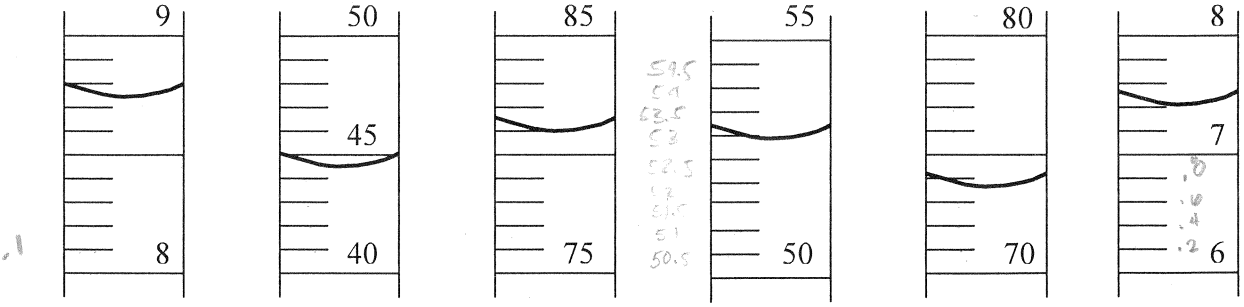
a. 11.1 ± .5 cm b. 12.2 ± .5cm c. 12.6 ± .5cm d. 13.5 ± .5cm e. 14.3 ± .5cm

Use °C



f. 32 ± .5°C g. 8.8 ± .1°C h. 0 ± .5°C i. 75 ± .5°C j. -9 ± .5°C k. 20.2 ± .05°C

Use mL



l. 8.7 ± .05 mL m. 44 ± .5mL n. 81 ± .5mL o. 52.5 ± .25 mL p. 73 ± .5mL q. 7.4 ± .1mL