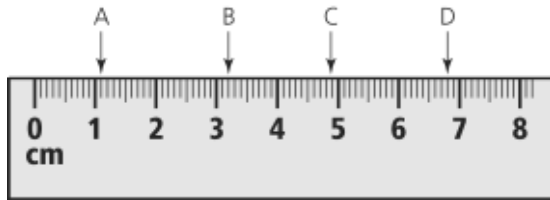
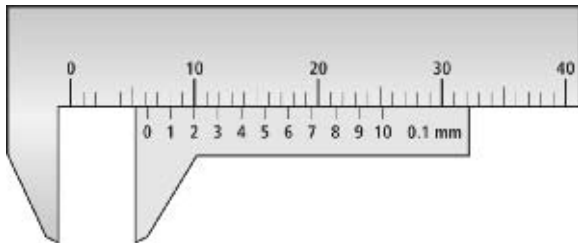


## Section 1.1 Extra Practice

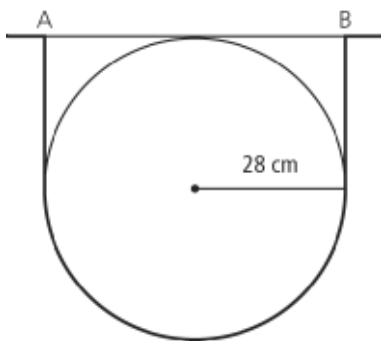
- What referent would you use to estimate each of the following measurements in SI units?
  - the height of the classroom door
  - the thickness of your calculator
  - the distance from home to school
- What reading is shown on the ruler at points A, B, C, and D? Give each reading in both centimetres and millimetres.



- What reading is shown on the caliper? Give the reading in both millimetres and centimetres.



- A cylindrical gasoline tank has a radius of 28 cm. It is hung to a truck using a metal strap. What is the length of the strap if an extra 5 cm is used at each end for bolts A and B? Express your answer to the nearest centimetre.



- The province of Alberta is approximately 1300 km long from the northern border to the southern border.
  - What is the scale for each map of Alberta in the diagram?
  - Determine the width of the province at its northern border and at its southern border, to the nearest 10 km.



- Convert each of the following measurements.
  - 7 cm = \_\_\_\_\_ mm
  - 32 m = \_\_\_\_\_ cm
  - 58 km = \_\_\_\_\_ m
  - 75 km = \_\_\_\_\_ cm
  - 65 000 cm = \_\_\_\_\_ km
  - 56 m = \_\_\_\_\_ km
- State whether you think each measurement is reported in the most appropriate unit. If not, explain why and convert it to a more appropriate SI unit.
  - The length of a housefly is 0.005 m.
  - The depth of the Pacific Ocean is 4 188 000 mm.
  - The length of a table-tennis table is 0.002 74 km.
  - The height of the CN Tower in Toronto, Ontario, is 55 300 cm.