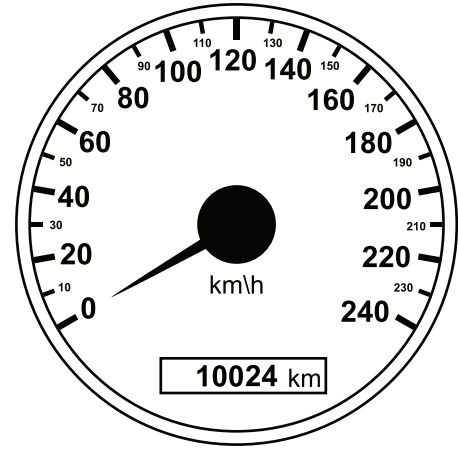1) Shown is a car's odometer.

   a) What is the total distance covered by the car till now? _____

   b) After a 100 km trip, what distance will the odometer show? _____

Speedometer showing km\h with scale from 0 to 240; digital display reads **10024 km**

2) Which is the most appropriate unit when measuring each length or distance?

   a) The height of a tall building. _____

   b) The distance between two towns. _____

   c) The width of a screw. _____

   d) A small child's height. _____

   e) The length of a beam used in a building. _____

3) Circle the most accurate measurement for each length or distance.

   a) The length of an average classroom. 3 m   10 m   22 m   27 m
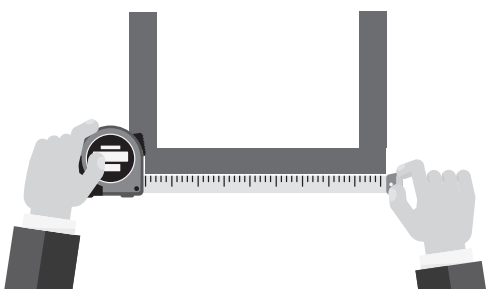
   b) The length of a phone. 4 cm   6 cm   15 cm   27 cm

   c) The distance a car can travel on a freeway in an hour. 8 km   28 km   30 km   85 km

   d) The average length of a car. 0.8 m   2.1 m   4.2 m   8.7 m

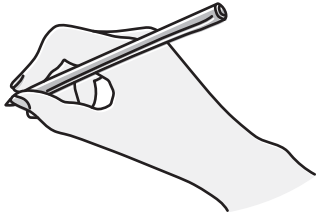   e) The length of a key. 12 mm   22 mm   52 mm   126 mm

4) Sam measured the width of a picture frame.

   a) About how wide is the picture frame?
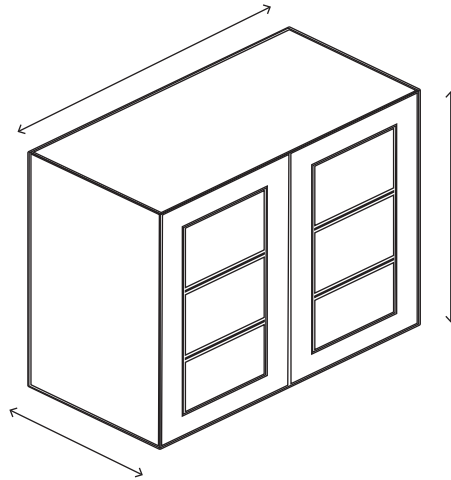
   _____

Converting between units of length

5) A person is holding a pencil.

a) About how long would the pencil be?
(show your answer in both millimeters and
centimeters.) _____ mm _____ cm

6) A storage cabinet is 1.2 m wide, 46 cm deep, and 94 cm high.
Label the cabinet, showing its dimensions in millimeters.

7) Mali completed eight laps of a 400 m track. How many kilometers did Mali
run? _____

8) Convert each length to the unit shown.

a) 4 cm = _____ mm

b) 12 m = _____ cm

c) 6 km = _____ m

d) 30 mm _____ cm

e) 6.8 cm = _____ mm

f) 6.85 m = _____ cm

g) 9.82 km = _____ m

h) 8.3 mm = _____ cm