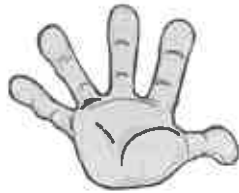


Metric units of Length



An adults's finger nail is about 1 **centimeter (cm)** wide.



An adults's hand is about 1 **decimeter (dm)** wide.



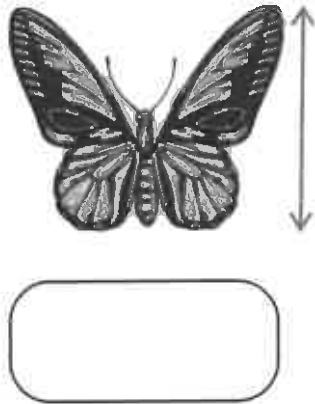
The width of a door is about 1 **meter (m)** wide.



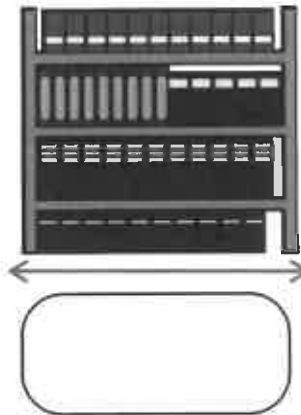
It takes about 10 - 12 minutes to walk 1 **kilometer (km)**.

Choose the unit you would use to measure each. Write cm, m, dm, or km.

1)



2)



3)



4) length of a shoe

5) distance from your house to school

6) height of a flagpole

7) length of a snail

8) width of a window

9) length of a crayon

10) It takes twenty minutes for Nori to walk to the library from her home. Is the library 2 dm, 2 m, or 2 km from her house?

Solution:

4) _____

5) _____

6) _____

7) _____

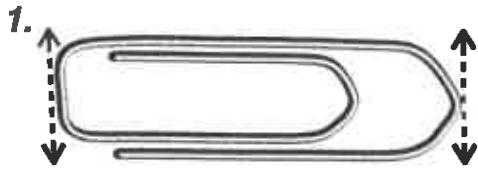
8) _____

9) _____

10) _____

Metric Units Of Length

Estimate the length in centimeters. Then use a ruler to measure to the nearest centimeter.



Estimation : _____ **Measurement :** _____ **cm**



Estimation : _____ **Measurement :** _____ **cm**

3. the length of your hand **Estimation :** _____ **Measurement :** _____ **cm**

4. the length of your science book **Estimation :** _____ **Measurement :** _____ **cm**

5. the length of your pencil case **Estimation :** _____ **Measurement :** _____ **cm**

6. the length of your shoe **Estimation :** _____ **Measurement :** _____ **cm**

Read and solve.

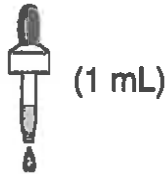
7. Erika is 9 dm tall. Ramon is 92 cm tall. Bill is 8 dm tall and Jason is 89 cm tall. Who is tallest?

8. Misty said that 44 centimeters is the same as 4 decimeters plus 4 centimeters. Do you agree? Explain.

Milliliters and Liters

A milliliter (mL) and liter (L) are two units to measure capacity in the metric system.

milliliter (mL) measure small amounts of liquids.



A dropper holds about 1 milliliter of liquid.

liter (L) measure larger amounts of liquids.

A bottle has about 1 liter of liquid.



1,000 mL = 1 L

Choose the unit you would use to measure the capacity of each. Write milliliter (mL) or liter (L).



Find each missing number.

9 L = _____ mL

13,000 mL = _____ L

_____ mL = 6 L