

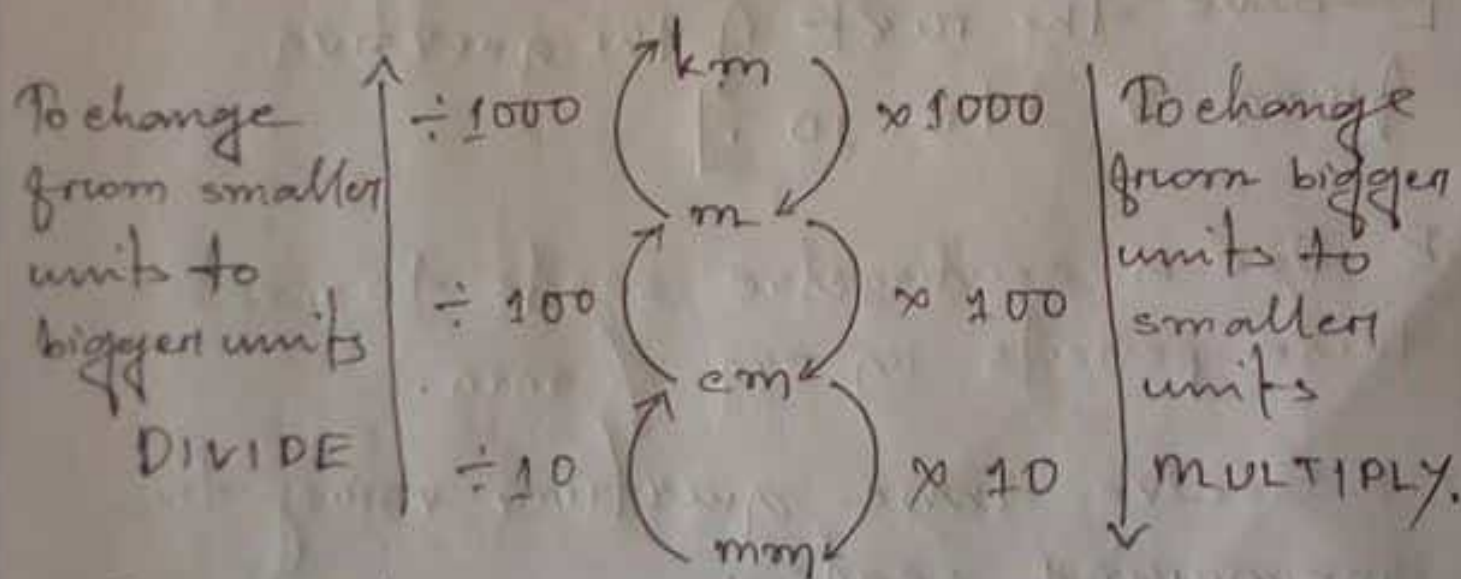
Measurement of Length: -

kilometre (km) \rightarrow more than a metre
(used for measuring distances)

metre (m) \rightarrow basic unit of length.
(used for measuring length & height)

centimetre \rightarrow (cm) \rightarrow less than a metre
(used for measuring short lengths)

millimetre (mm) \rightarrow less than a centimetre
(used for measuring very short lengths)



Remember: -

$$1 \text{ km} = 1000 \text{ m}$$

$$1 \text{ m} = 100 \text{ cm}$$

$$1 \text{ cm} = 10 \text{ mm}$$

Exercise - 8.1

A) Fill in the blanks: —

1) $5.74 \text{ m} = \underline{5} \text{ m } \underline{74} \text{ cm}$

2) $7.8 \text{ km} = \underline{7} \text{ km } \underline{8000} \text{ m}$

3) $6.4 \text{ cm} = \underline{6} \text{ cm } \underline{4} \text{ mm}$

4) $9.21 \text{ km} = \underline{9} \text{ km } \underline{210} \text{ m}$

5) $2.675 \text{ km} = \underline{2675} \text{ m}$

6) $450 \text{ m} = \underline{.45} \text{ km}$

Solve the rest of the question from 7 to 10.

B. Use a centimetre scale to measure these pencils in cm & mm.

=> Solve these questions using the measuring scale.

To find the length of the given picture place your measuring scale on the picture & take the reading properly.

c. Complete the table:-

	Measurement	In bigger units	In smaller units.
1.	5m 40cm	5.40m	540cm
2.	35m 55cm	35.55m	3555cm
3.	4m 27cm	4.27m	427cm
4.	16m 5cm	16.05m	1605cm
5.	9m 5cm	9.05m	905cm