Activity-1

Write m or cm depending on whether the length is long or short.

1. The length of a table — `Cm`
2. The height of a door — `m`
3. The length of a pen — `cm`
4. The length of a book — `Cm`
5. The length of a comb — `Cm`
6. The length of a pin — `Cm`

Ruler

You can measure the length of many small things with the help of a ruler.

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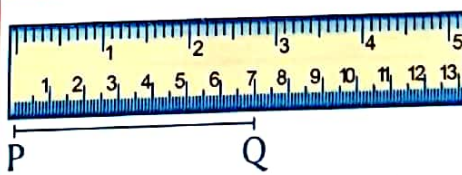A ruler is marked in centimetres (cm) and in inches.

Activity-2

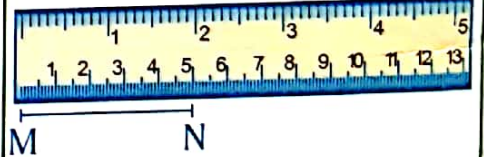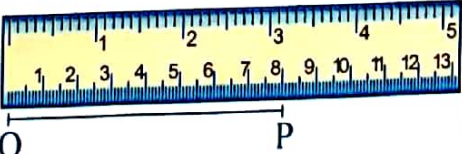**Write the length of each line segment in centimetres (cm).**

1.

A B

AB = ...4 cm.........

2.

P Q

PQ = ...7 cm.........

3.

M N

MN = ...5 cm.........

4.

L M

LM = ...10 cm.........

5.

O P

OP = ...8 cm.........

6.

R S
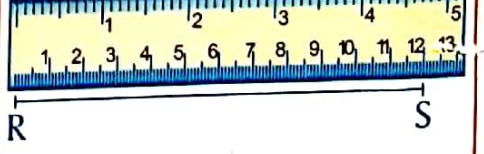
RS = ...12 cm.........

Relation Between m and cm

The length of one metre can be divided into 100 equal parts and each part called a centimetre.

Activity-3

1. Write in centimetres :

(a) 2 m = ...200...... cm

(b) 11 m = ...1100... cm

(c) 6 m = ...600..... cm

(d) 2 m 30 cm = ...230..... cm

(e) 4 m 50 cm = ...450.... cm

(f) 6 m 40 cm = ...640..... cm

(g) 7 m 70 cm = ...770.... cm

(h) 13 m 60 cm = ...1360..... cm

(i) 12 m 50 cm = ...1250...... cm

(j) 2 m 97 cm = ...297..... cm

2. Adding and subtracting lengths.

a

$$
\begin{array}{r}
6\ 3\ \text{cm} \\
+\ 2\ 5\ \text{cm} \\
\hline
8\ 8\ \text{cm} \\
\end{array}
$$

b

$$
\begin{array}{r}
4\ 7\ \text{cm} \\
+\ 1\ 8\ \text{cm} \\
\hline
6\ 5\ \text{cm} \\
\end{array}
$$

c

$$
\begin{array}{r}
5\ 5\ \text{cm} \\
+\ 3\ 6\ \text{cm} \\
\hline
9\ 1\ \text{cm} \\
\end{array}
$$

d

$$
\begin{array}{r}
7\ 6\ \text{cm} \\
-\ 3\ 3\ \text{cm} \\
\hline
4\ 3\ \text{cm} \\
\end{array}
$$

e

$$
\begin{array}{r}
9\ 5\ \text{cm} \\
-\ 6\ 9\ \text{cm} \\
\hline
2\ 6\ \text{cm} \\
\end{array}
$$

f

$$
\begin{array}{r}
8\ 0\ \text{cm} \\
-\ 4\ 5\ \text{cm} \\
\hline
3\ 5\ \text{cm} \\
\end{array}
$$