

Day 3

Can measure accurately in m/cm/mm

Can convert between mm/cm/m



Quick recap from the previous lesson.

Explain and demonstrate how you would solve these questions.

3 | 6 9 2 | 9 6

12/1/22

Day 3

Writing Length in Metres and Centimetres

Lesson
1

In Focus

The length of the table is more than 1 metre.
What is the length of the table?



You are going to measuring a table at home.
What do you think would be a good choice of
equipment to use?

Let's Learn

- 1 We use a tape measure to measure lengths longer than 1 metre.



How many cm are in 1m?

Your teacher will show you an actual tape measure.



Let's Learn

- 1 We use a tape measure to measure lengths longer than 1 metre.



How many cm are in 1m?




Your teacher will show you an actual tape measure.



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



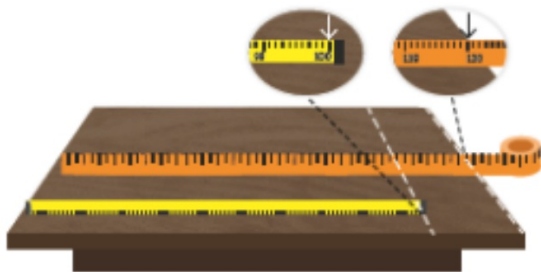
What could we do then
to measure the length of
the table? 

Show me!



2

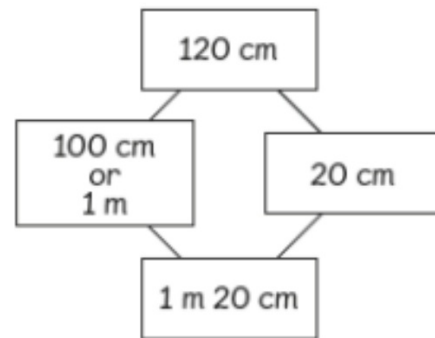
What is the length of the table?



The length of the table is 120 cm.

$$120 \text{ cm} = 100 \text{ cm} + 20 \text{ cm} \\ = 1 \text{ m } 20 \text{ cm}$$

The length of the table is 1 m 20 cm.



Practical

Remember that you need to start
measuring from 0cm

What did the table measure?

 m and cm



So there are 100cm in 1m but
how many mm are in 1cm?



Which is the smallest unit of
measurement?

Which is the largest unit of
measurement?

Right, let's have a go at
converting some
measurements.



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

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

1. $5\text{cm}=\underline{\hspace{2cm}}\text{mm}$

3. $400\text{mm}=\underline{\hspace{2cm}}\text{cm}$

2. $7\text{m}=\underline{\hspace{2cm}}\text{cm}$

4. $800\text{cm}=\underline{\hspace{2cm}}\text{m}$



Guided Practice

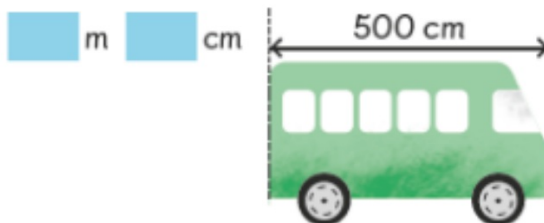
- 1 What is the length of the sharpener in centimetres? cm



How many of these make 1 metre?



- 2 What is the length of the toy minivan in metres and centimetres?



How tall is the minivan?
Let's estimate.

- 3 Arrange 6 books to form a long row on the floor.

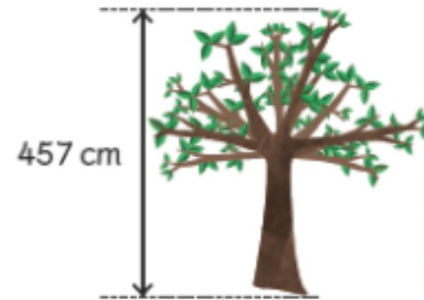


The length of the books is cm.

It is m cm long.

- 4 What is the height of the tree in metres and centimetres?

457 cm = m cm

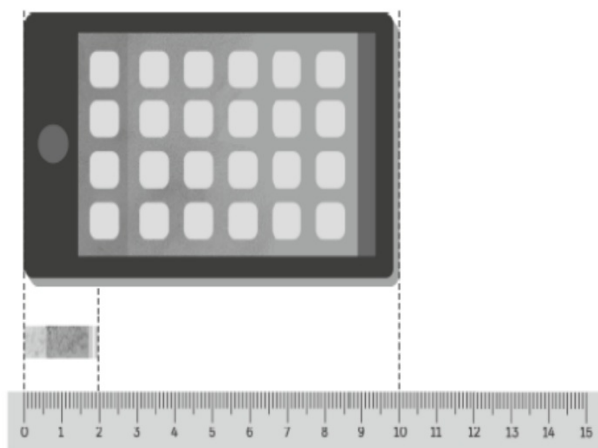


Name: _____ Class: _____ Date: 5/1/21

Worksheet 1

Writing Length in Metres and Centimetres

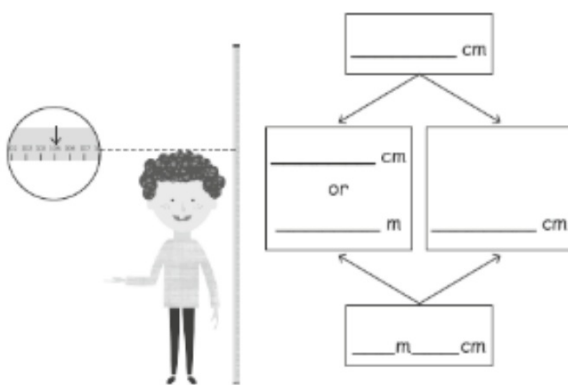
- 1 Fill in the blanks.
(a) What is the length of the rubber and the mobile phone in centimetres?



- (i) The length of the rubber is cm.
(ii) The length of the mobile phone is cm.

2 Fill in the blanks.

What is Elliott's height?



Elliott's height is m cm.

3 Write each of the following in metres and centimetres.

(a) 130 cm = m cm

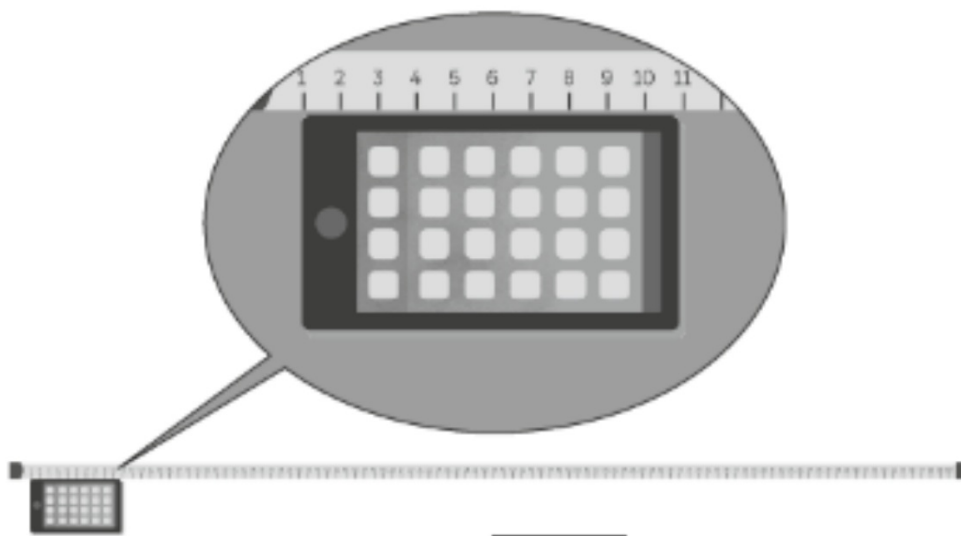
(b) 402 cm = m cm

(c) 865 cm = m cm

(d) 999 cm = m cm

Going Deeper

(c) How many mobile phones are needed to make 1 metre?



The 1-metre ruler is made up of mobile phones.

Explain how you know that this is incorrect.