SANGEETA BAJAJ – PRT

K V PICKET

LONG AND SHORT

Chapter – 2

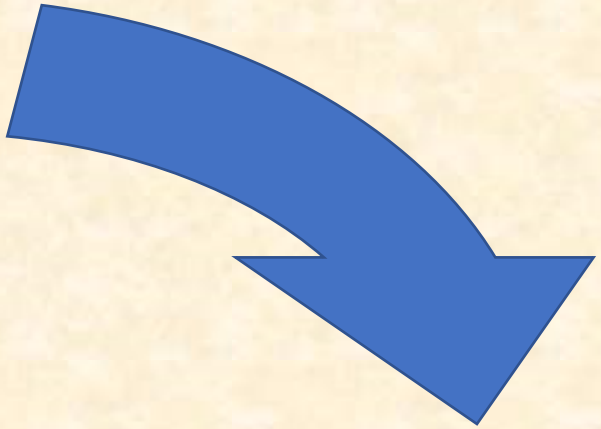
CLASS 4 - MATHS

OBJECTIVE

- MEASUREMENT OF LENGTH
  - UNITS OF MEASUREMENT
- 4 OPERATIONS OF MEASUREMENT
- CONVERSION OF UNITS OF MEASUREMENT
- EXAMPLES
- PRACTISE EXERCISE
- REFERENCES

Measurements

Metre is the standard unit of Length. The multiples and sub-multiples of metre are.....

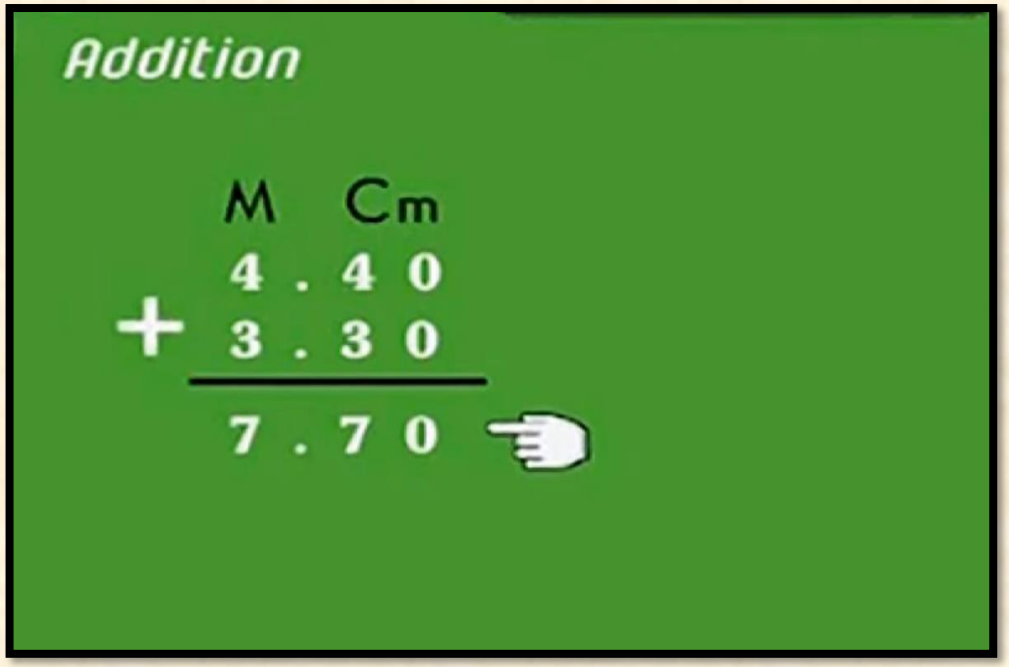


Centimetre and Kilometre.

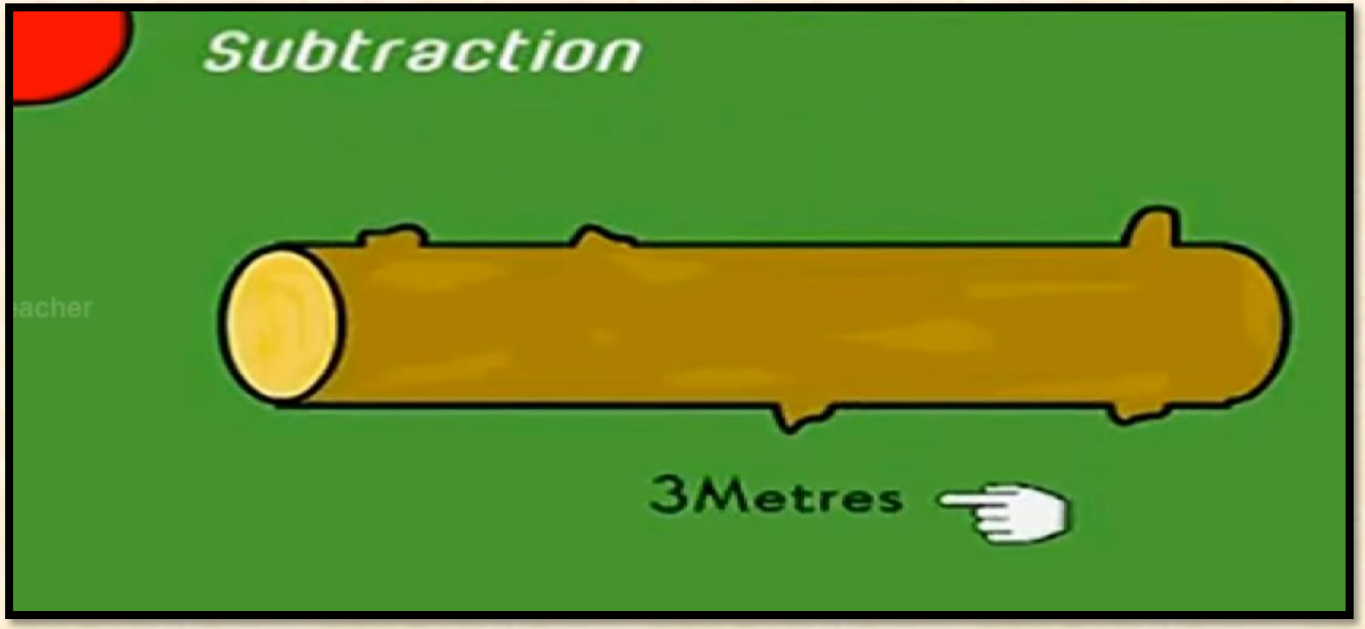
We measure small distances of measurements in Centimetres and Metres.

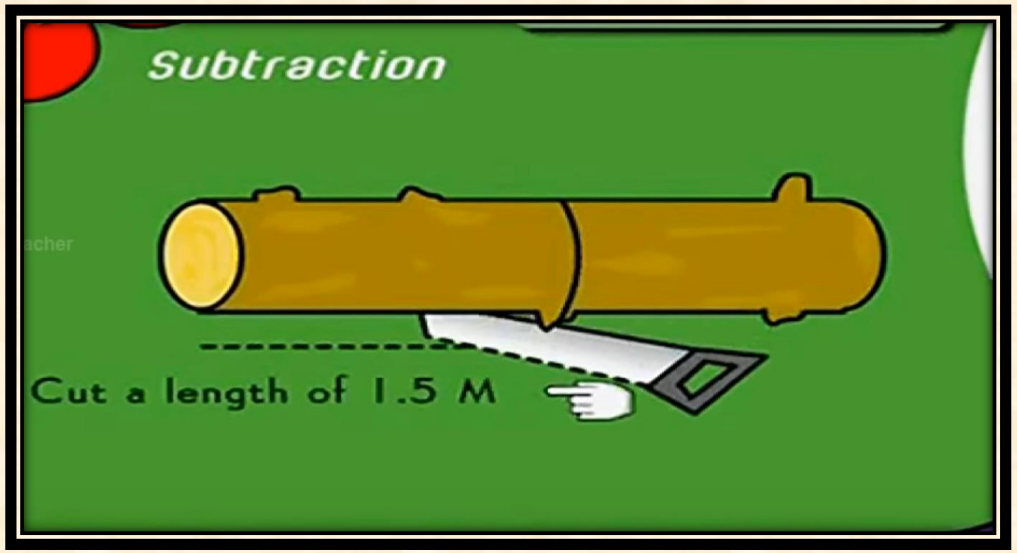
We can add, subtract, multiply and also the Metres and Centimetres.

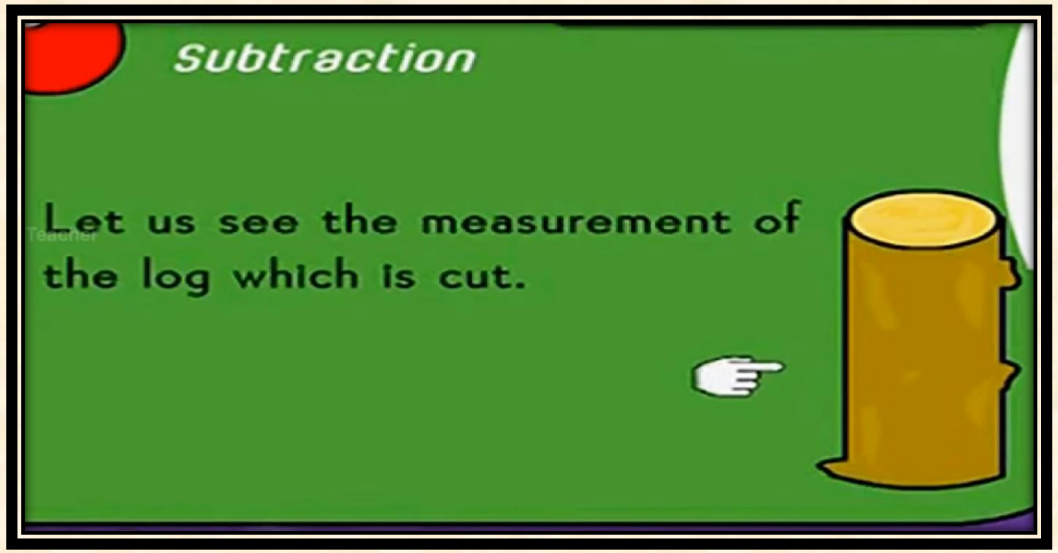
ADDITION

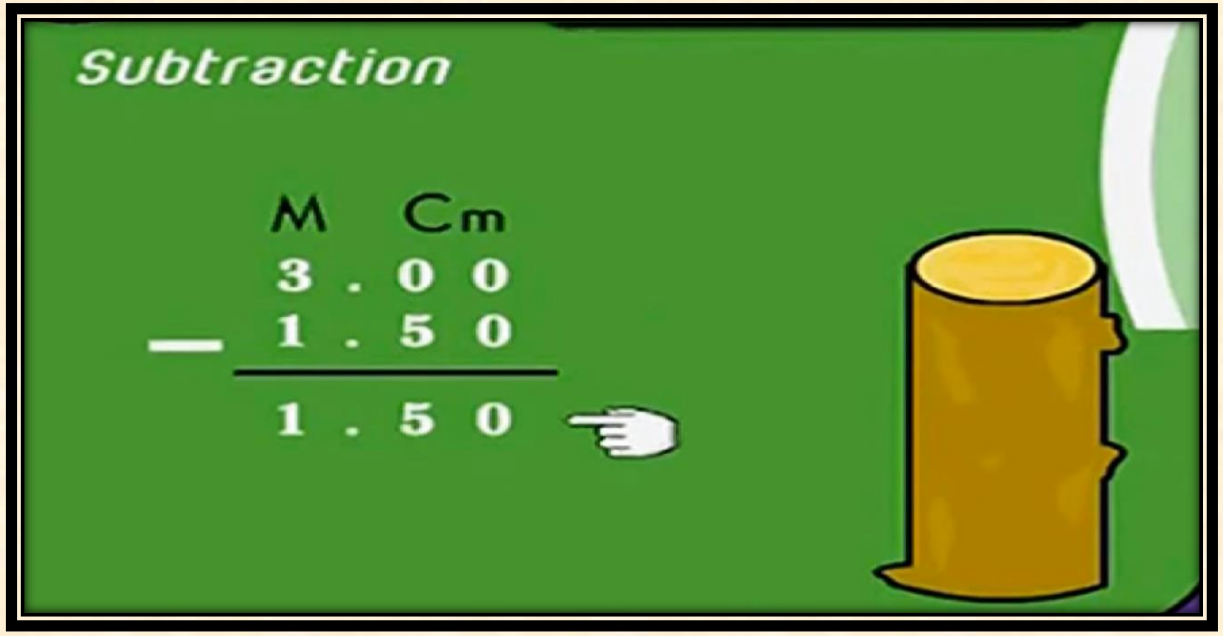


SUBTRACTION

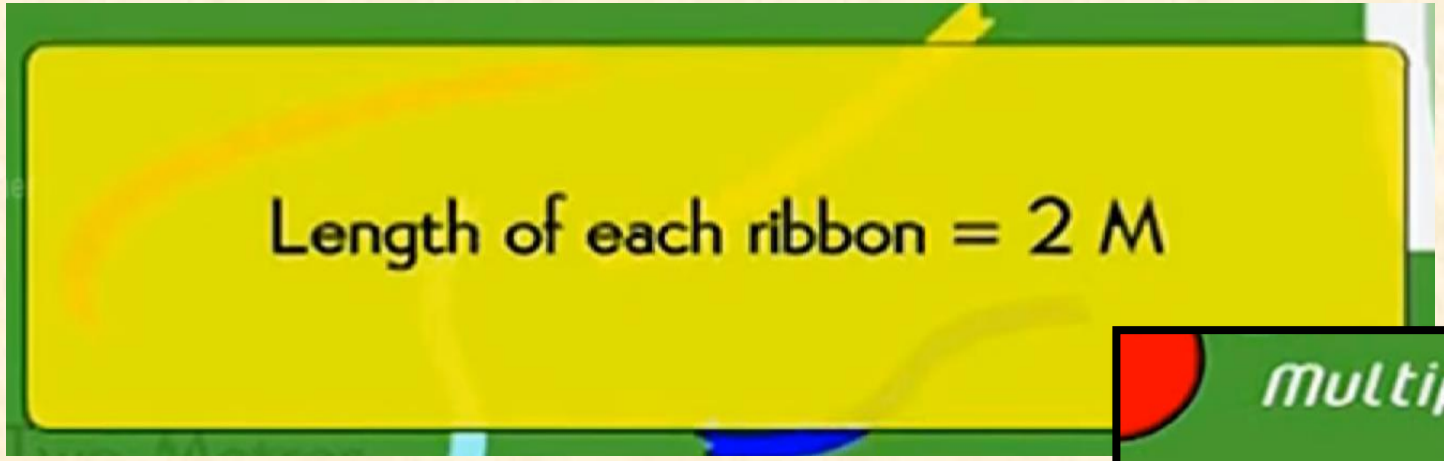


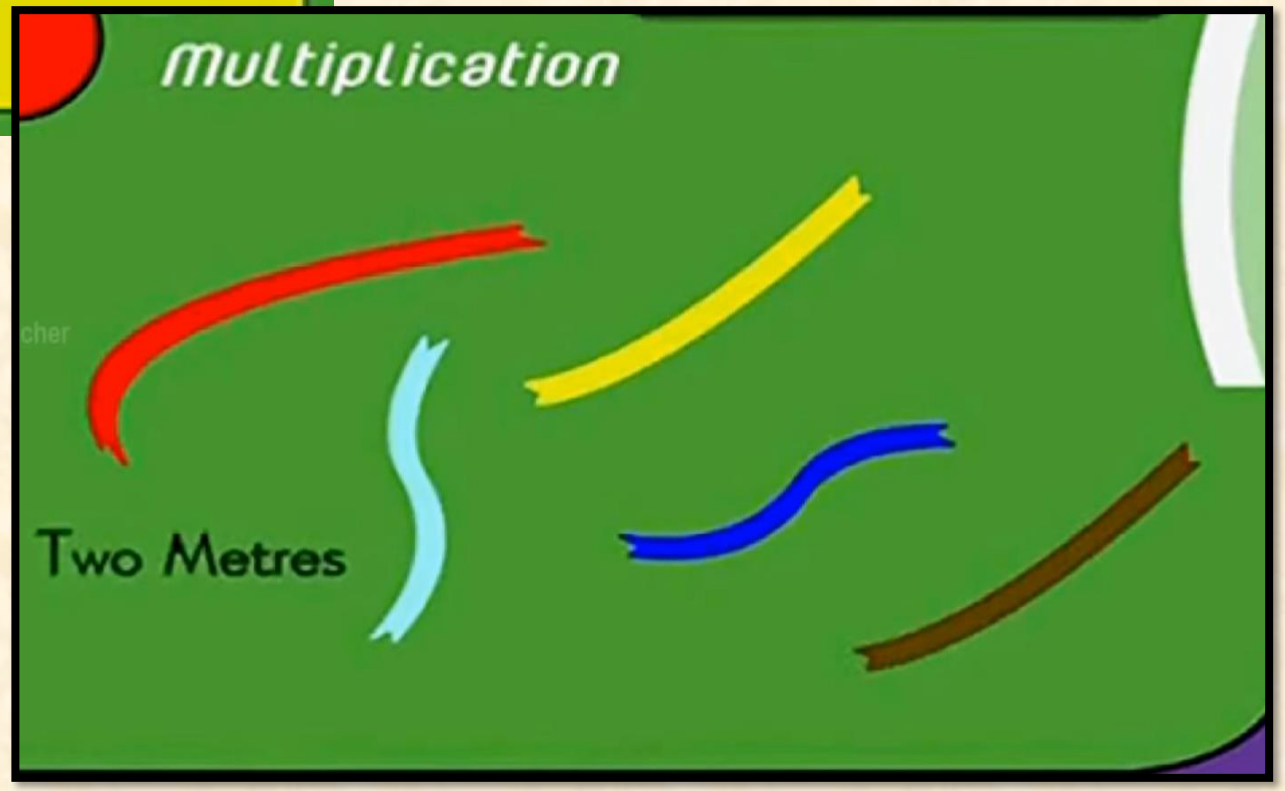

Subtraction
Cut a length of 1.5 M


Subtraction
Let us see the measurement of the log which is cut.


Subtraction
M Cm
3.00
1.50
1.50

MULTIPLICATION



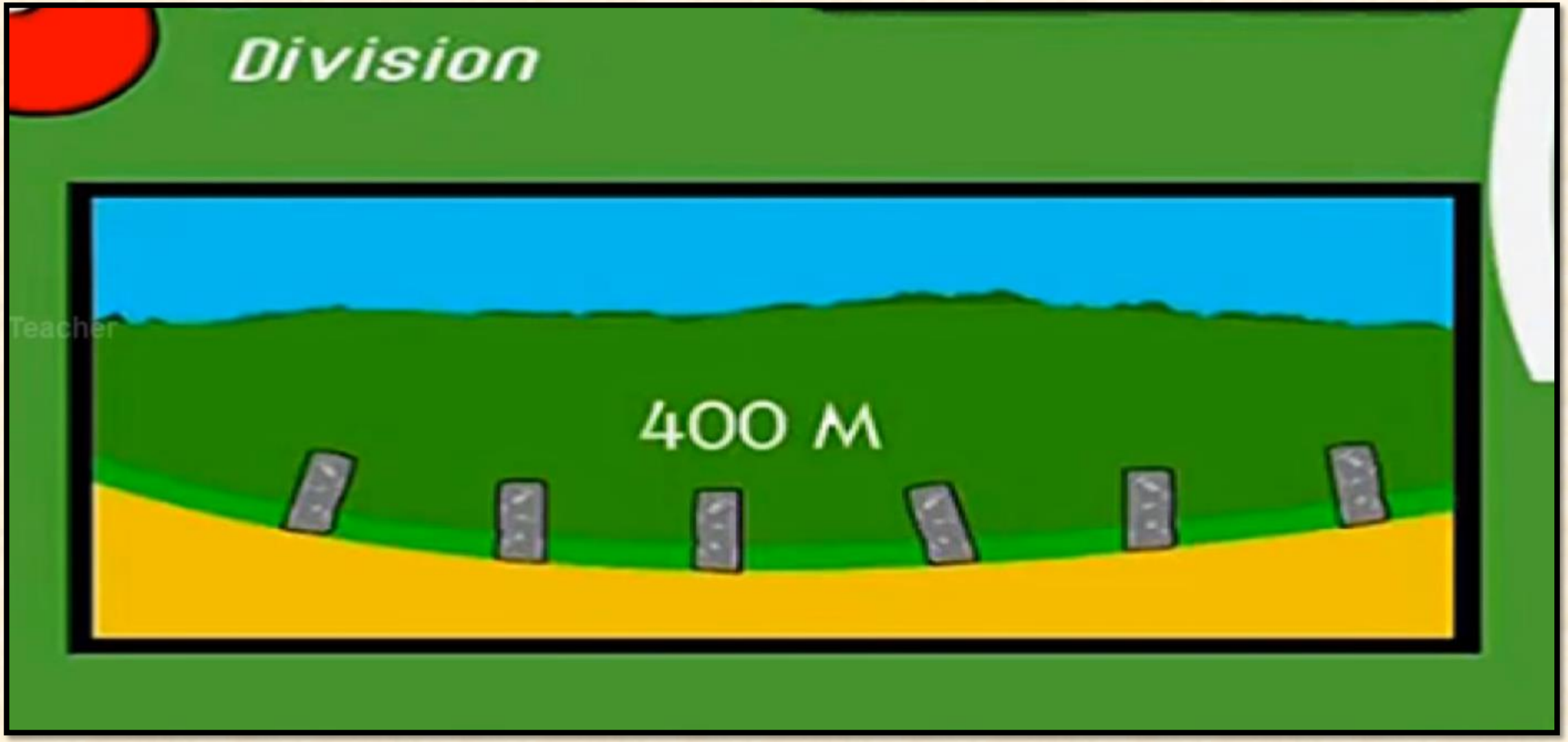


Multiplication

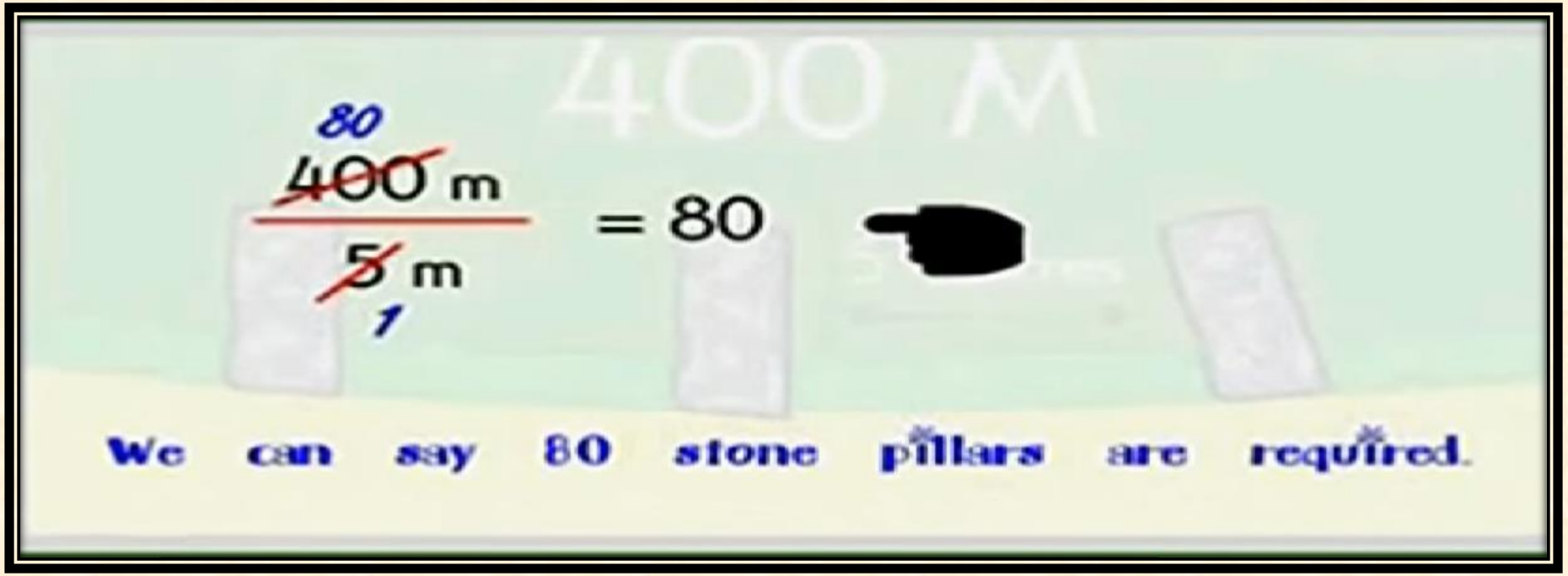
Length of 5 ribbons = 2 × 5 = 10 m

Two Metres

DIVISION



400 M
5 Metres

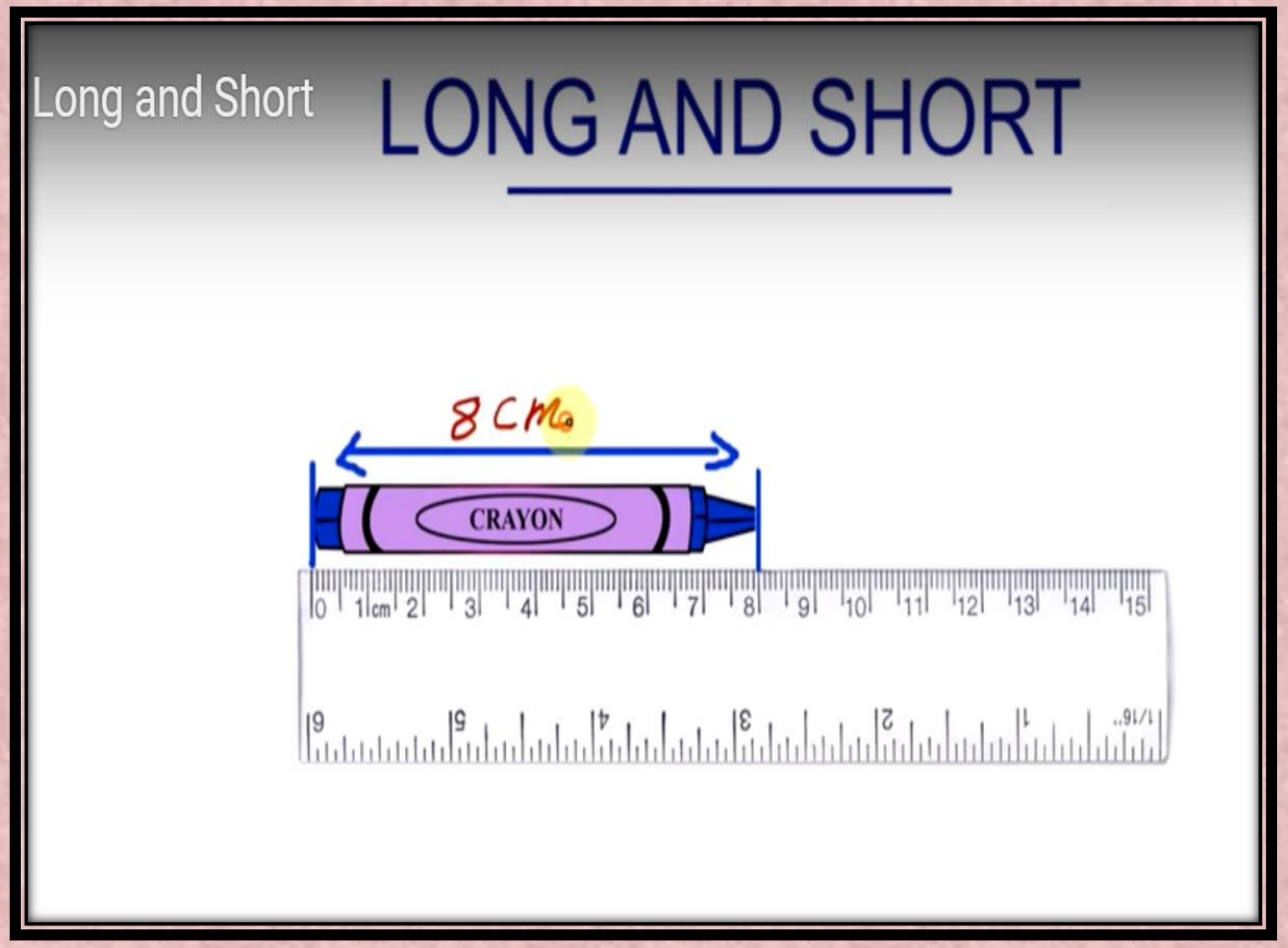

400 M
80
400 m
5 m
1
= 80
We can say 80 stone pillars are required.

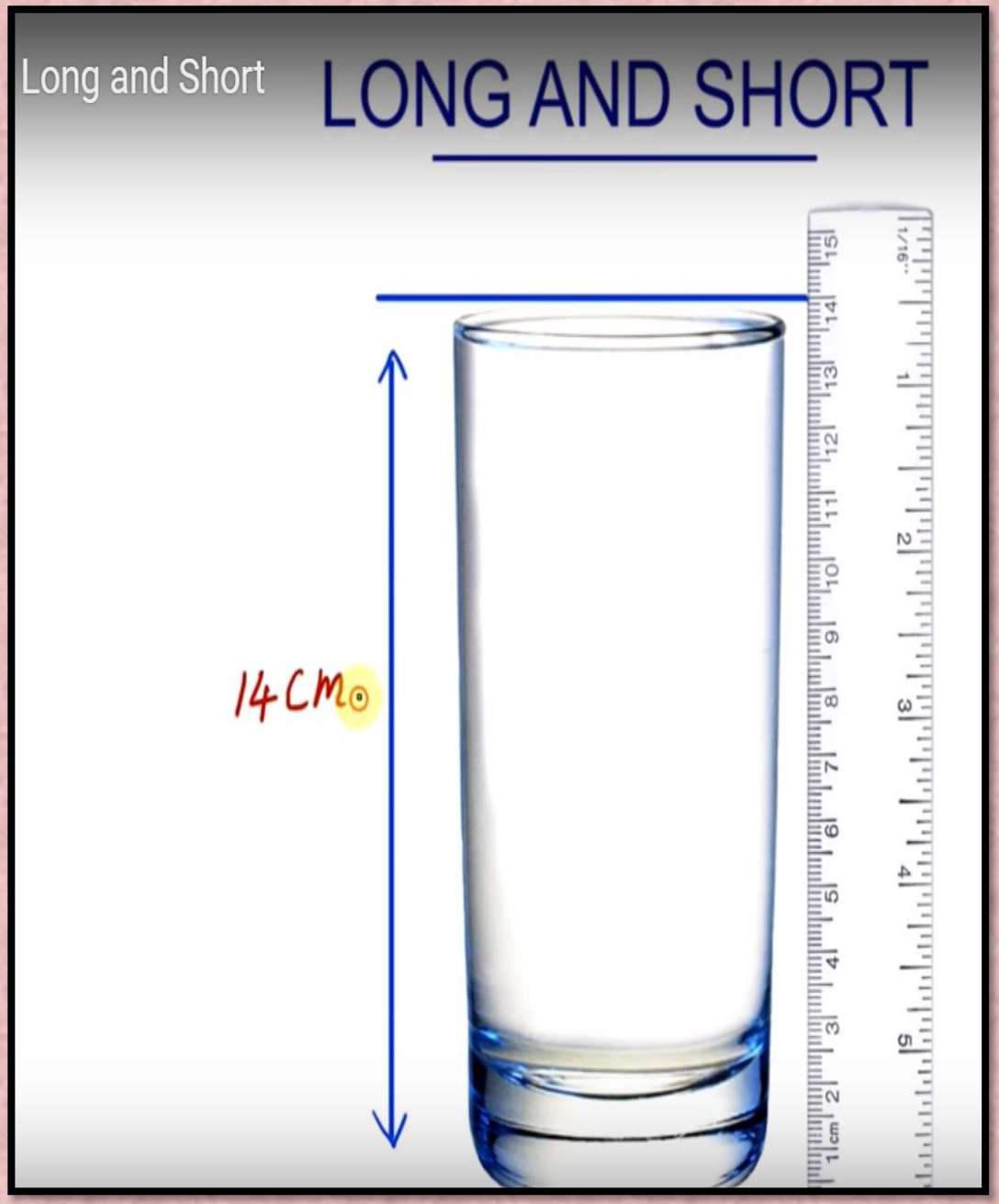
Measurement table

1 Metre = 100 Centimetre

1 Kilometre = 1000 Metres

EXAMPLES


Long and Short
LONG AND SHORT
8 cm
CRAYON


Long and Short
LONG AND SHORT
14 cm

rn Maths - Long and Short

LONG AND SHORT

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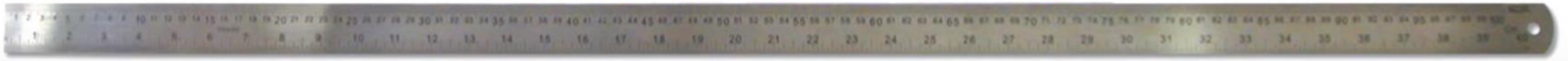
100 cm = 1 m

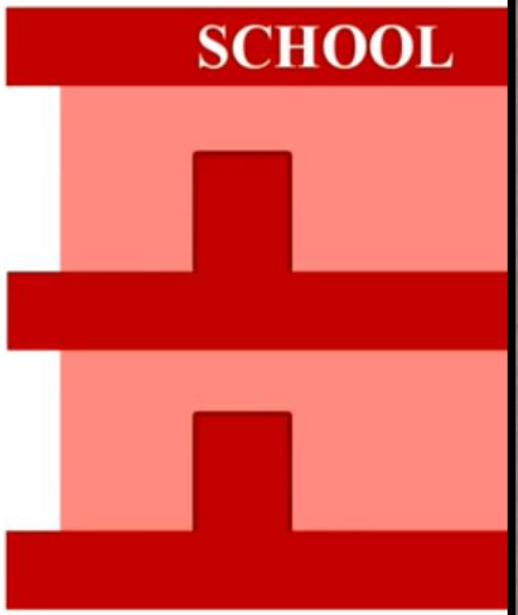


Learn Maths - Long and Short

LONG AND SHORT

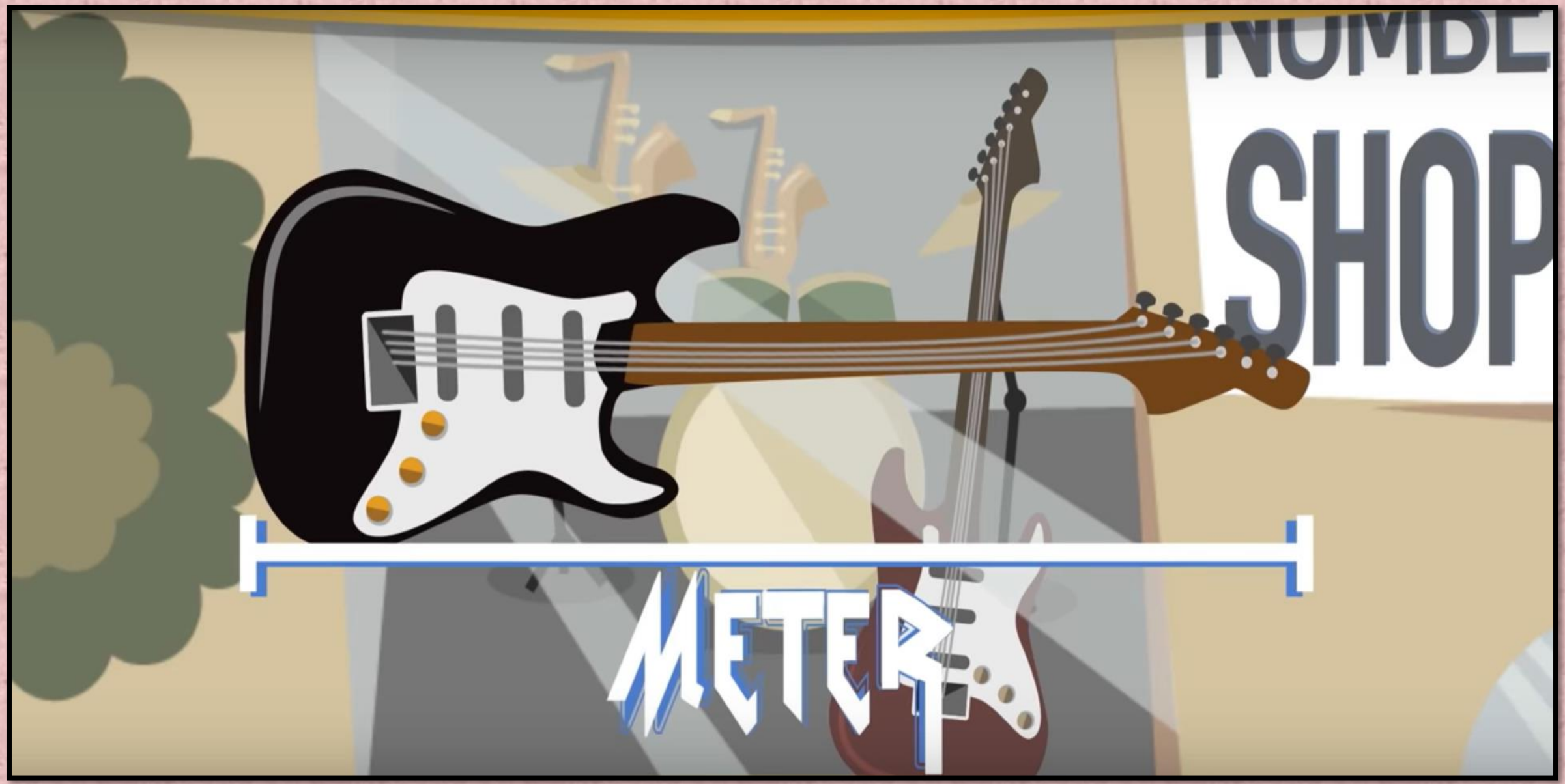
Appu Series

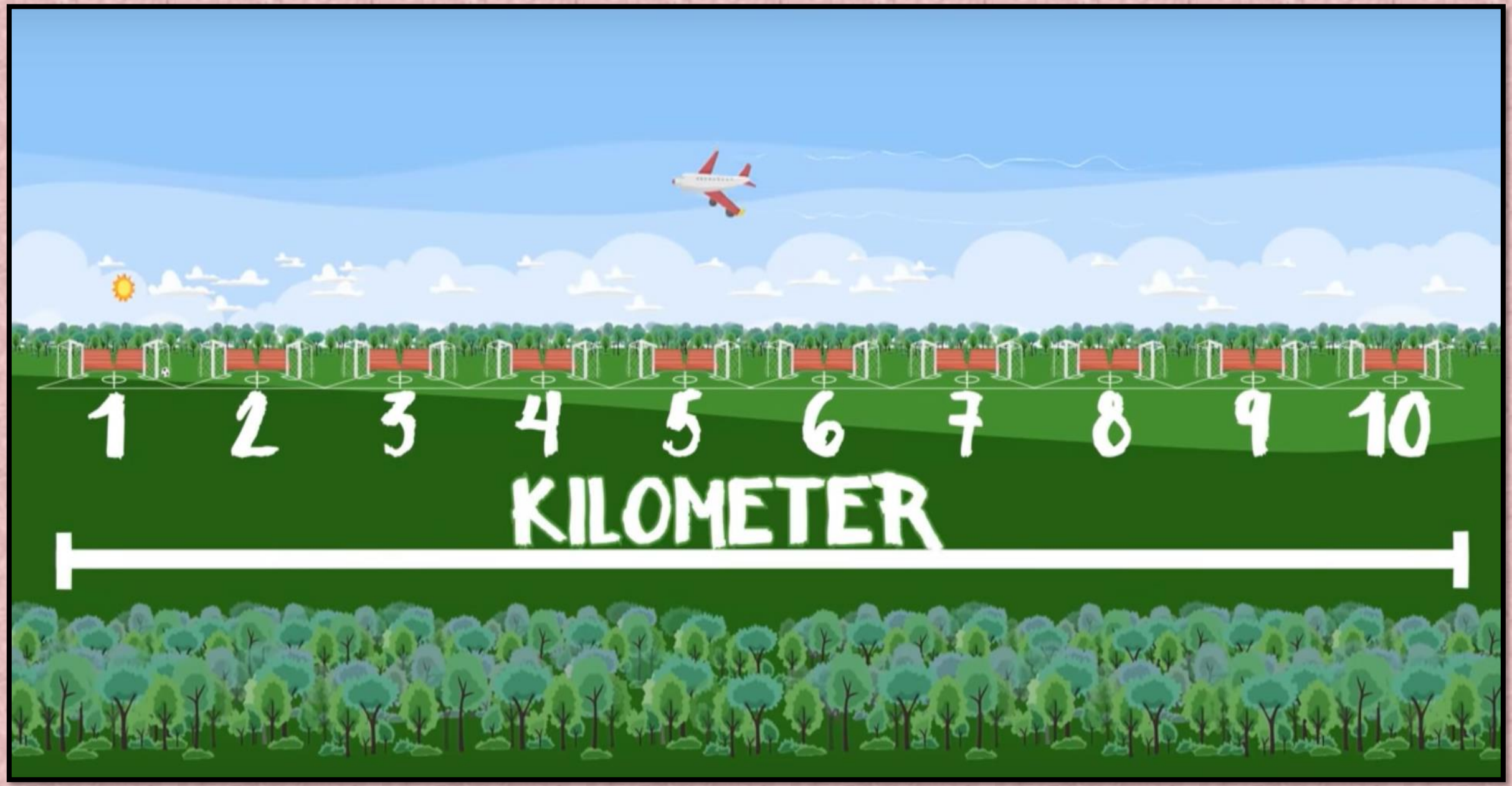
1000m = 1 km



km

STOP
SCHOOL BUS
METER


NUMBE
SHOP
METER


1 2 3 4 5 6 7 8 9 10
KILOMETER

KILOMETER
1
2
3
4
5
6
7
8
9
10
11
12

CONVERSION FROM ONE UNIT TO OTHER

1000
METERS
10 MILLIMETERS = 1 CENTIMETER
100 CENTIMETERS = 1 METER
1000 METERS = 1 KILOMETER
1
KILOMETER

Converting Lengths (Meters and Kilometres)

Find the distance in metres.

Jack's house

6 km

Supermarket

$1\,km = 1000\,m$

$6\,km = 6 \times 1000\,m$

$= 6000\,m$

Converting Lengths (Meters and Kilometres)

Lin runs 2800 m.

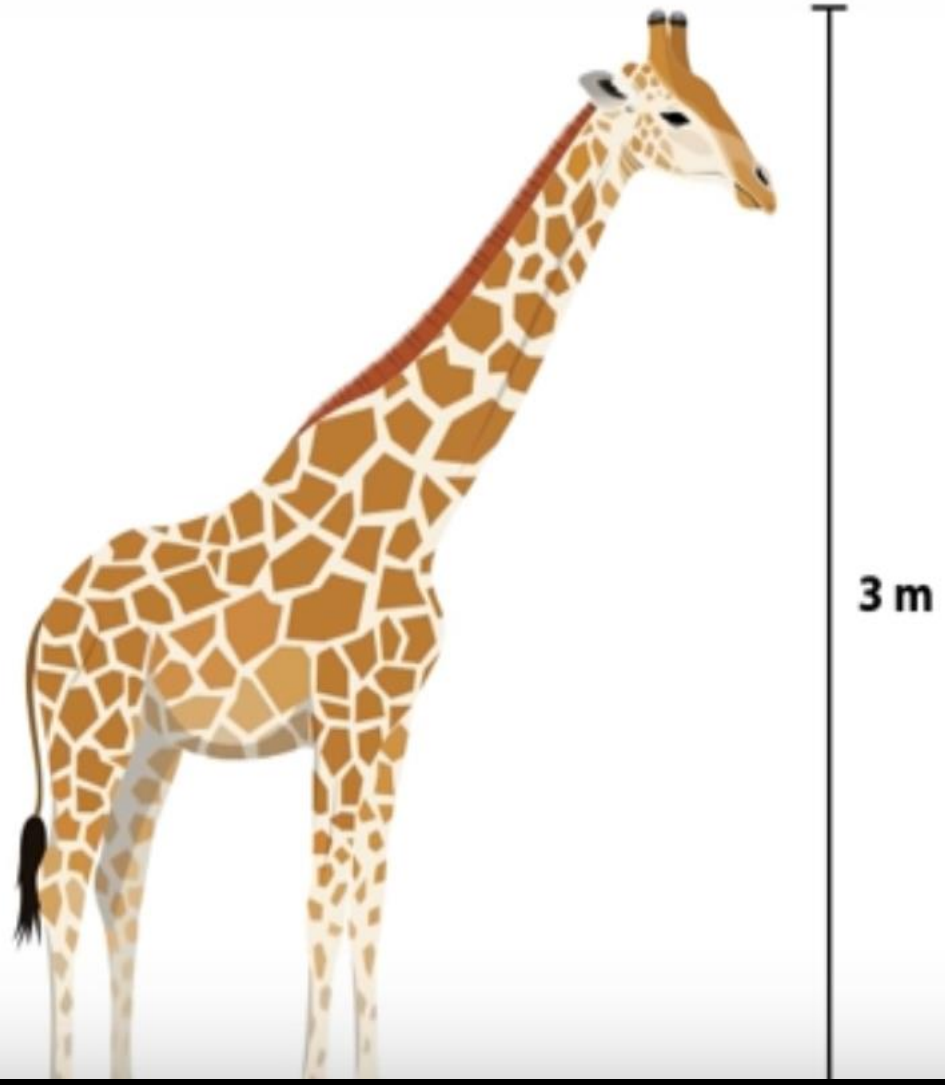
Find the distance in kilometres and metres.

$2800\text{m} = 2000\text{m} + 800\text{m}$

$= 2\text{km} + 800\text{m}$

$= 2\text{km}\ 800\text{m}$

Find the height of the giraffe in centimetres.

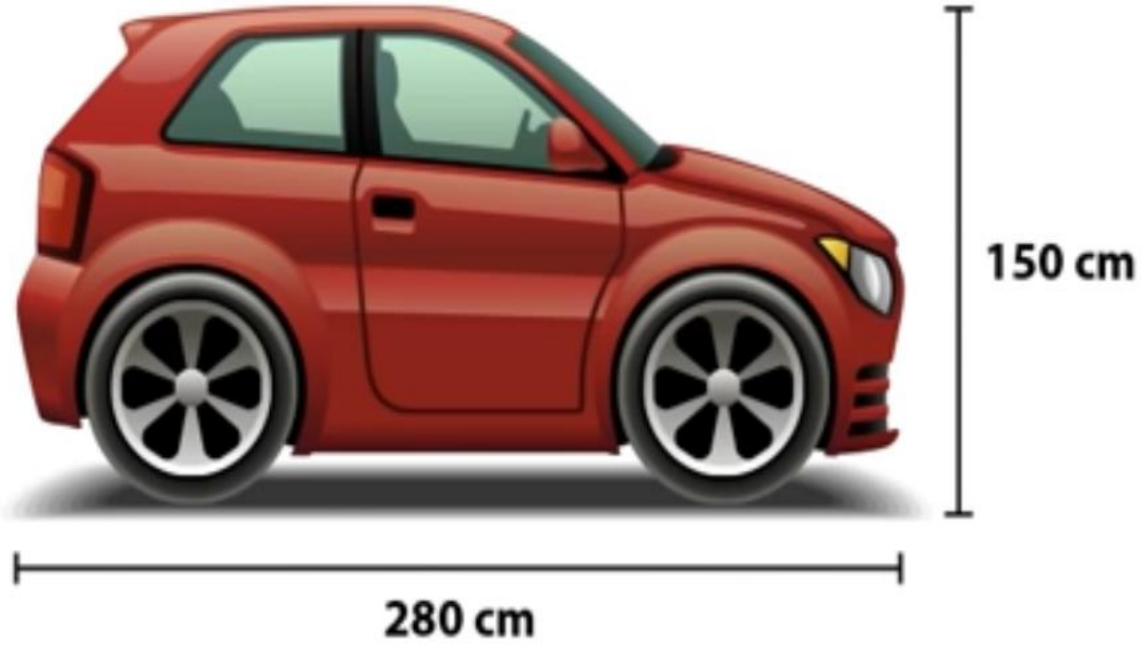


$1\text{ m} = 100\text{ cm}$

$3\text{m} = 3 \times 100\text{ cm}$

$= 300\text{ cm}$

Find the length and height of the car in metres and centimetres.

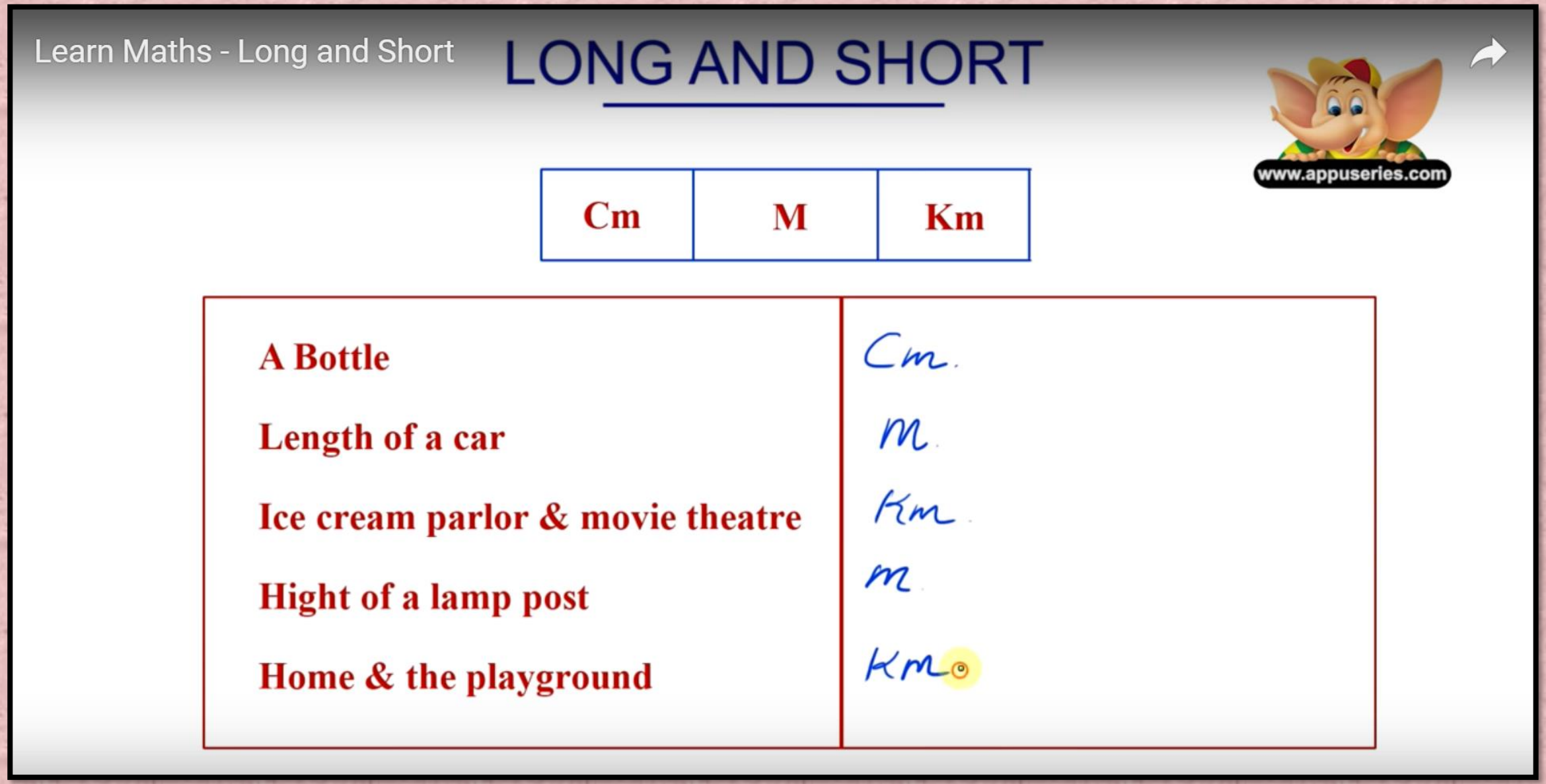


$150\text{cm} = 100\text{cm} + 50\text{cm}$

$= 1\text{m} + 50\text{cm}$

$= 1\text{m}\,50\text{cm}$

PRACTISE EXERCISE



Learn Maths - Long and Short

LONG AND SHORT

Cm	M	Km

Match stick	Cm.
Leaf	Cm.
Table	m.
Window	m.
Book shelf	m.
Refrigerator	m.

Write in metres.

5 km 100 m = 5000 m + 100 m

= 5100 m

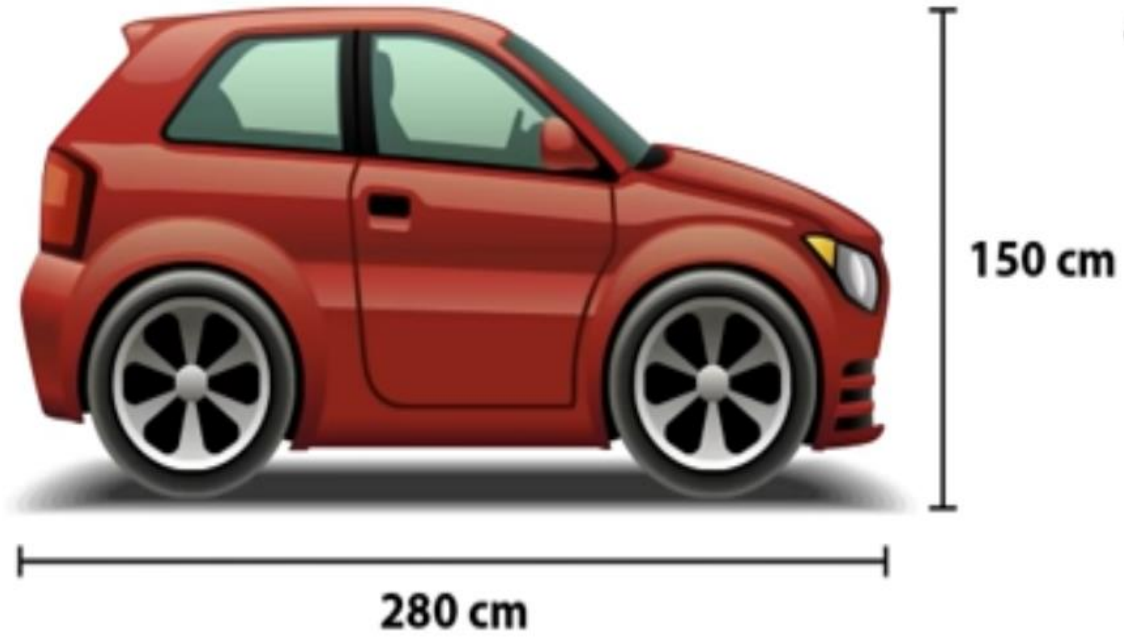
Write in kilometres and metres.

$$1234\text{ m} = 1000\text{ m} + 234\text{ m}$$

$$= 1\text{ km} + 234\text{ m}$$

$$= 1\text{ km } 234\text{ m}$$

Find the length and height of the car in metres and centimetres.



$280cm = 200cm + 80cm$

$= 2m + 80cm$

$= 2m\,80cm$

Write in centimetres.

$$3\text{ m }70\text{ cm} = 300\text{cm} + 70\text{cm}$$
$$= 370\text{ cm}$$

Write in metres and centimetres.

$$250\text{ cm} = 200\text{cm} + 50\text{cm}$$

$$= 2\text{ m} + 50\text{cm}$$

$$= 2\text{m }50\text{cm}$$

- # REFERENCES

https://powerprt.wordpress.com/maths-ppts/

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https://www.slideserve.com/contactmestudiestoday/ncert-solutions-class-4-mathematics

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THANK YOU