

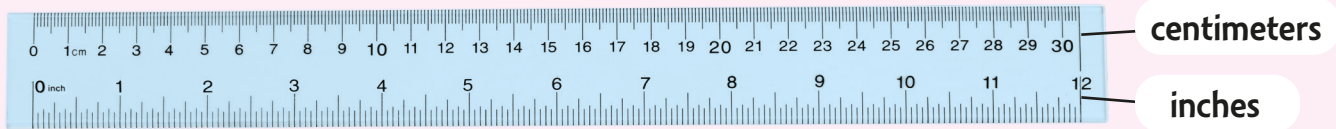
Centimeters and Inches

Math

- 1 Look at the pictures. What do you think the text is about?

Imperial and Metric

Look at this ruler. Do you know why it has different numbers on the top and bottom?

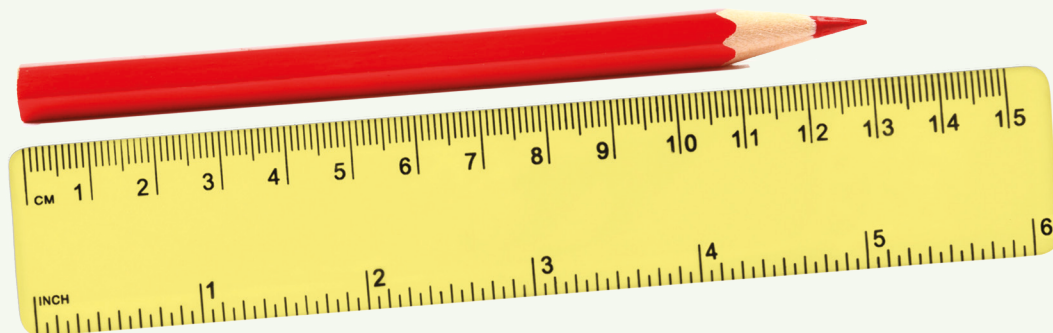


These numbers are part of two different systems of measurement.

The metric system uses **centimeters** (cm.) and **meters** (m.). There are 100 centimeters in 1 meter. Most countries around the world use the metric system.

The imperial system uses **inches** (in.) and **feet** (ft.). There are 12 inches in 1 foot. Only three countries, including the USA, use the imperial system.

Look at the pencil. It is 13 centimeters long but also 5 inches. The numbers are different, but the length is the same!



- 2))) Listen and read. Which system of measurement does the USA use?

1 Read and complete.

centimeters foot Imperial ~~Metric~~ most three

1 Metric system

- Used in countries.
- 100 = 1 meter

2 system

- Used in only countries.
- 12 inches = 1



2 Read and write T (True) or F (False).

- 1 100 centimeters and 1 meter are the same length.
- 2 1 centimeter and 1 inch are the same length.
- 3 The metric system is used in more countries than the imperial system.
- 4 The metric system is used in the USA.

3 Measure your hand. Then, ask and answer with a friend.

How long is your hand?

It's 13 centimeters long!

Did You Know?

We use "hands" to measure the height of a horse. One "hand" is approximately 10 centimeters long!

Time to Think

- 1 Choose objects in your classroom. Guess how long they are. Then, measure with a ruler.

OBJECT	GUESS	MEASUREMENT
lunchbox	15 cm.	24 cm.
.....
.....

- 2 Look and write.

Very small	Small	Large	Very large
Millimeter (mm.)	Centimeter (cm.)	Meter (m.)	Kilometer (km.)
10 mm. = 1 cm.	100 cm. = 1 m.	1,000 m. = 1 km.	



6,400 km.



12



300



37



Prepare and Create

1 Work together and follow the instructions.

- 1 Choose an option from the box. Find out about these measurements in the imperial and metric systems.
- 2 Make a poster showing the similarities and differences.

Temperature
Volume
Weight

Showcase

2 Share your poster with the class.

Measuring Weight

Metric System

- gram (g.)
- kilogram (kg.)
- 1 kg. = 1,000 g.

Imperial System

- ounce (oz.)
- pound (lb.)
- 1 lb. = 16 oz.

