

Centimeters and Millimeters

This ruler measures in centimeters.
The numbers signify whole centimeters.
All the shorter lines between those are for millimeters.

The distance from one short line to the next line is 1 millimeter. We write 1 mm.

Millimeters are very tiny!

Look at the ruler: **there are 10 millimeters in each centimeter.**

The distance between these two is 1 mm.



Measuring lines: First see how many whole centimeters long the line is.
Then count how many little millimeter-lines beyond that it reaches.



This line is 2 cm 3 mm long. At the same time, it is 23 mm long. Why?

Each centimeter is 10 mm, so 2 cm is 20 mm. That means 2 cm 3 mm makes 23 mm in total.



This line is 4 cm 8 mm long. At the same time, it is 48 mm long.

1. Measure the lines using the ruler, first in whole centimeters and millimeters. Then write their lengths using millimeters only.

a. _____ cm _____ mm = _____ mm



b. _____ cm _____ mm = _____ mm

