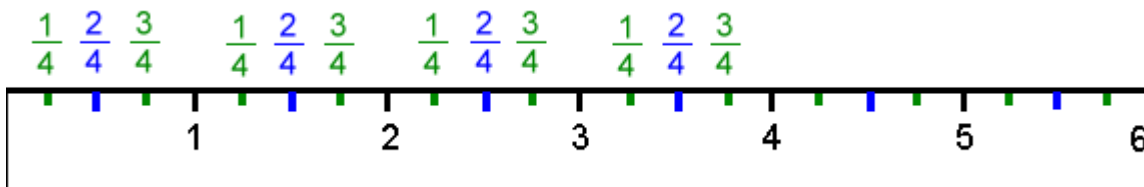


# Measuring Length

Remember? This ruler measures in inches. The three lines between each two numbers on the ruler divide each inch *into four parts*, which are *fourth parts* of an inch.



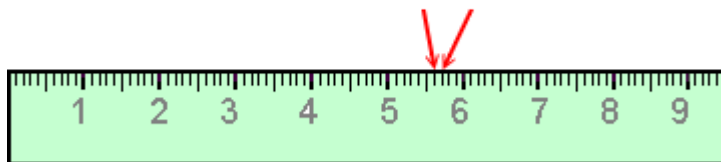
The 2/4 mark is also the 1/2 mark. We normally use 1/2 instead of 2/4.

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


There are 10 millimeters in each centimeter.

10 mm = 1 cm

The distance between these two is 1 mm.



1. Measure the lines to the nearest fourth of an inch.  
Also measure them using a centimeter-ruler.

 a. \_\_\_\_\_ in. or \_\_\_\_\_ cm \_\_\_\_\_ mm

 b. \_\_\_\_\_ in. or \_\_\_\_\_ cm \_\_\_\_\_ mm

 c. \_\_\_\_\_ in. or \_\_\_\_\_ cm \_\_\_\_\_ mm

 d. \_\_\_\_\_ in. or \_\_\_\_\_ cm \_\_\_\_\_ mm

 e. \_\_\_\_\_ in. or \_\_\_\_\_ cm \_\_\_\_\_ mm