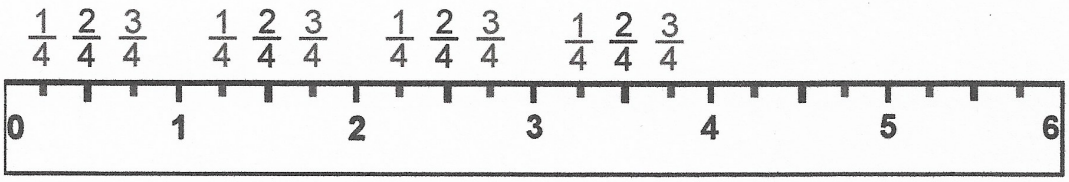
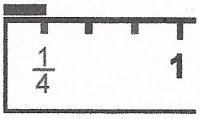
~ Reading Assignment ~

Measuring to the Nearest Fourth-Inch

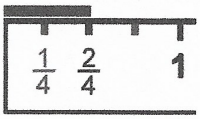
This ruler measures in inches. You can see three lines between each two numbers on the ruler. Those three lines divide each inch *into four parts*. The parts are *fourth parts* or *quarters* of an inch. We have marked those quarters with fractions.



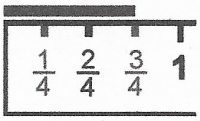
The 2/4 mark is also the 1/2 mark. We normally use 1/2 instead of 2/4.



This line is 1/4 inch long.

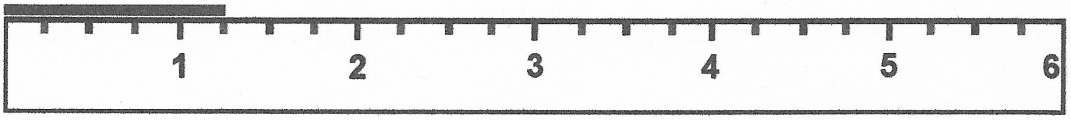


This line is 2/4 inch long.
It is also 1/2 inch long.

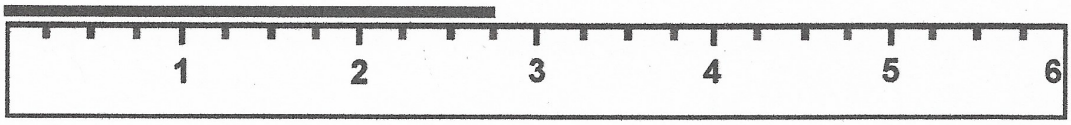


This line is 3/4 inch long.

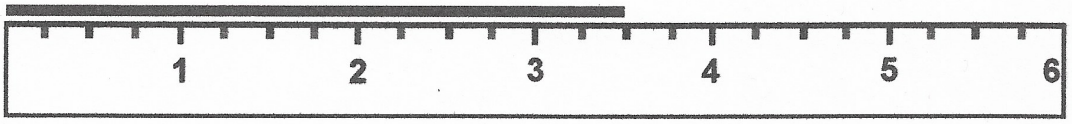
If a line reaches to the 1/4-inch mark after the number 1, then the line is 1 inch *and* 1/4 inch long. But when writing it, we omit the "and" and write: The line is 1 1/4 inches long.



If a line reaches the 3/4-inch mark after the number 2, then the line is 2 inches *and* 3/4 inch long, but we write it as 2 3/4 inches long.



This line is 3 1/2 inches long.



Sample worksheet from
www.mathmammoth.com