

Name _____

Date _____

Measuring Lengths using Rulers - Guided Lesson Explanation:

Explanation to #1

If we measure the length by the ruler, we can get the answer by counting the numbers on notches that it covers. Each large notch is an inch, It covers 5 notches. So, the answer is 5 inches.

Explanation to #2

Each number represents one centimeter. The little notches, at the top indicate the number of millimeters. Each little notch is a millimeter.

The measure is just past the 7 centimeter mark. If we count the little notches, we will see that it has 5 notches (millimeters).

So, the answer is 7 centimeter and 5 millimeter.

Explanation to #3

There is very similar to #1, but it is somewhere between 8 and 9 inches. So we know that the first part of the measure is 8 inches.

If we look at the space between 8 and 9, we will see 4 little notches. It would stand to reason that each notch is $\frac{1}{4}$ or 0.25 inches.

Since distance covered is 2 out of 4 notches, it covers $\frac{1}{2}$ and inch of distance.

So, the answer is $8\frac{1}{2}$ or 8.5 inches.

