

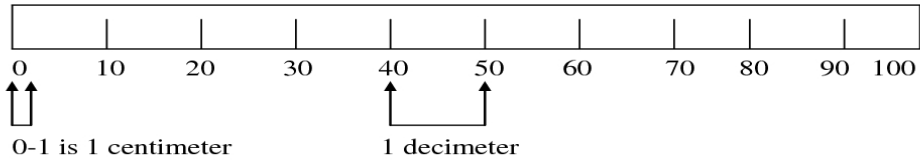
### Metric Measurement (Length)

**Introduction:** If your hand is 3 inches wide, how many centimeters wide is it? Which metric unit is closest to the length of 1 yard?

**Objective:** In this activity, we will review metric units for measuring distance or length—the meter, decimeter, centimeter, and millimeter. We will also use these units to estimate and then measure the sizes of various objects around the room.

Meterstick: 1 meter (m) = 10 decimeters (dm) OR 100 centimeters (cm) OR 1,000 millimeters (mm).

Here is a visual representation of a meterstick.



\*\* 1 millimeter is the distance between each tiny black mark on a meterstick.

**Procedure:** 1. Use a meterstick to measure the objects listed in the chart. Make sure you use the metric side of the meterstick (with numbers to 100 cm, not 36 inches).

2. Measure the objects in the units listed. Write the unit abbreviation after the measurement you get (example: instead of 47.5, write 47.5 cm). Convert your answers so that all of the boxes are filled in correctly.

OBJECT	mm	cm	m	km
Length of your pencil/pen				
Width of your pencil/pen				