

Name: \_\_\_\_\_ Date: Jan 22, 2019 Period: \_\_\_\_\_

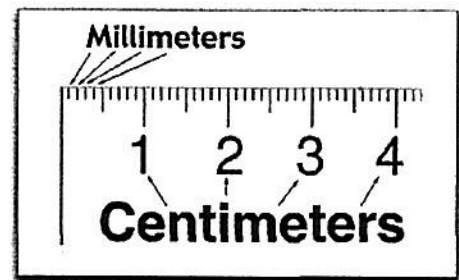
Notes

### The Metric System:

- Invented by a French scientist in 1790
- Called International System of Units (SI)
- Developed to Standardize measurements
- Used by most countries except US
- Based on multiples of 10

### Length:

- The distance between two points
- Meter is the basic SI unit for length
- Measured with a meter stick or metric ruler
- Divisions on a metric ruler:
  - Big lines are Centimeters
  - Small lines are millimeters



$$10 \text{ mm} = 1 \text{ cm}$$

$$100 \text{ cm} = 1 \text{ m}$$

- Common units used for length of smaller objects:
  - **Centimeter** is  $\frac{1}{100}$  of a meter
  - $100 \text{ cm} =$  1 meter
  - **Millimeter** is  $\frac{1}{1000}$  of a meter
  - $1000 \text{ mm} =$  1 meter
  - $10 \text{ mm} =$  1 cm

- How long is the turtle's shell? 8.8 cm 88.0 mm

