

MEASUREMENT

UNIT: ENGINEERING DRAWING AND MEASURING_LEVEL 1

1. **Early Measurement** – Early measurement used units like:

- The Cubit – The distance from your _____ to your _____.
- The Fathom – The distance from your _____ to your _____.
- The Hand/Span – The distance from your _____ to your _____.
- The Pace – The distance taken in one _____.
- Girth – The distance around your body at your _____.
- The Palm – The distance across your four _____.

Why was early measurement inaccurate?

2. **Modern Measurement** – Measurement is the _____ of how many _____ are needed to cross, cover, fill, etc. and object.

- *Measurement units are _____ no matter what!*

3. **The Metric System** – 1m = _____ dcm = _____ cm = _____ mm

- Used all over the world EXCEPT (1) Liberia, (2) Myanmar, and (3) United States of America
- Always expressed in _____ form

4. **The English, Standard, or Customary System** – 1 yard = _____ feet = _____ inches

- Foot = _____ Inch - _____

Broken into fractions of an inch = $\frac{1}{2}$ ", $\frac{1}{4}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ ", etc.