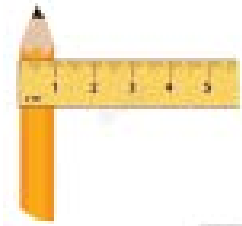


## STANDARD UNITS OF MEASUREMENT

### Measuring LENGTH

#### Inches:

Used to measure small objects, like a key or eraser



#### Feet:

Used to measure

A **ruler** is

One **foot** is

#### Yard:

Used to measure even larger objects, like a field

**1 yard = 3 feet or 36 inches**

#### Centimeters:

Used to measure small objects, like an eraser

#### Meter

Used to measure even larger objects, like a playground

One **meter = 100 centimeters** (which is a little longer than 39 inches)



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## Measuring VOLUME

**Cup:**



1 cup =  $\frac{1}{2}$  pint

**Pint:**



1 pint = 2 cups

**Quart:**



1 quart = 4 cups or 2 pints

**Gallon:**



1 gallon = 4 quarts or 8 pints



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## Measuring WEIGHT

### Ounce:

An **ounce** is a unit of measurement used to measure the weight of an object.

5 nickels weigh about 1 ounce.

### Pound:

1 **pound** = 16 ounces

### Kilogram:

1 **kilogram** = a little over 2 pounds

All of the units of measurement listed above are **STANDARD** units of measurement, meaning they are measurements that are



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## Non Standard

### NON standard

that you can

(many parts)

Using non standard units of measurement is not totally accurate. You should **NOT** use non standard units of measurement when you need an **EXACT** measurement of an object.

Non standard units of measurement can be used when you just need a general idea of about the measurement of length of a certain object.

Non standard units of measurement allow you to easily measure the length an object when you do not have a ruler or other standard measuring devices at hand.

## Hand span



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Your stretched  
standard unit

a non

One hand span  
of your thumb

to the tip

Look at your hand and then the hand of an adult. Are your hands different in size? They most likely are – which goes to show you why using non standard units of measurement is not completely accurate.

*For instance:* When you use your hand to measure your desk, you may measure 3 hand spans whereas an adult may only measure 2 hand spans.

## Other non standard units of measurement you could use when measuring:

A paper clip, a pencil, your arm (from elbow to fingertips), a book, or your shoe.