

Standard Units

What are some standard units we use for:

Length:

1. _____
2. _____
3. _____

Volume:

1. _____
2. _____
3. _____

Mass:

1. _____
2. _____



Who was the scientist that found that you could identify the volume of an irregular shaped object by placing it in water and measuring the increase in the height of the water?

3. _____
- _____

UNITS OF MEASURE

Estimate & Measure the Following:

ESTIMATE (cm)	ITEM	MEASURE (cm)
_____	Handspan width (pinkie to thumb)	_____
_____	Index finger length	_____
_____	Foot length	_____
_____	Computer screen width	_____
_____	Chair seat width	_____
_____	Keyboard length	_____
_____	Call Light Height	_____
_____	Printer Paper Length (long-side)	_____
_____	TAB Key Length	_____
_____	Length of Ruler	_____

Now that you know the measurements in centimeters, quickly convert from centimeters to decimeters and centimeters to millimeters....WITHOUT YOUR RULER.

Convert the following:

DECAMETERS	ITEM	MILLIMETERS
_____	Handspan width (pinkie to thumb)	_____
_____	Index finger length	_____
_____	Foot length	_____
_____	Computer screen width	_____
_____	Chair seat width	_____
_____	Keyboard length	_____
_____	Call Light Height	_____
_____	Printer Paper Length (long-side)	_____
_____	TAB Key Length	_____
_____	Length of Ruler	_____

Metric Units

What is the base unit for:

Length: _____

Volume: _____

Mass: _____

What is the prefix for:

_____ (k) 1,000

_____ (c) 0.01

_____ (m) 0.001

Why is making conversions between metric units easy?

Fill in the metric prefix for the metric homophone below:

KING _____

HENRY _____

DIED _____

UNEXPECTEDLY base unit

DRINKING _____

CHOCOLATE _____

MILK _____