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May you be blessed on your homeschooling journey. Happy learning!

Marie

What are the SI Units Notes

These note sheets are meant to go along with the “What are the SI Units?” slideshow. The notes are fill-in-the-blanks and open-ended questions that can be answered from using the information in the provided. Happy homeschooling!

☺ Marie

What are the SI Units? Notes

- The SI Units is short for the _____ of _____.
- This _____ system is used _____ especially in the fields of _____ and _____.
- It is the modern-day _____.
- Even though the SI Units were adopted worldwide in 1960, _____ still use other forms of measurements daily. For example, inches, feet, and miles are used for length as opposed to centimeter, meter, and kilometer. In the _____, SI units are used primarily in _____, _____, and in science related fields.
- Why do you think it is so important for all scientists to use the same measurement system? _____

Base Quantity	Name	Symbol
Length		
Mass		
Time		
Electrical Current		
Temperature		
Amount of Particles in a Substance		
Luminosity		

- Length

- To measure length, or the _____
_____, you would use a _____.

The base unit for length is the _____ (m).

- What unit of measure do I use?

- Meters: m

- Measuring from the floor to the doorknob

- Kilometers: km

- Measuring a large distance (city to city)

- Centimeters: cm

- Measuring small area (book)

- Millimeters: mm

- Measuring smaller area (pencil eraser)

- Area

- Area is the _____
_____.

- Area formula: _____

- Volume

- The _____ is
volume.

- Volume Formula: _____

- Liquid Volume

- To measure liquid volume, you would use the unit
measurement known as the _____ (L). The tool
you would use is a _____.

- Liquid volume is also referred to as _____.

- What unit of measure do I use?

- Liters (L)
 - Measuring amounts like in a jug of milk or large soda bottle
- Milliliter (mL)
 - Measuring smaller amounts like in a baby bottle
- When measuring, you need to be aware of the _____. It is the _____ in the water. You should measure at the _____ of the curve.
- How can you find the volume of an irregular object?

- Mass

- Mass is the _____.
- The base unit for mass is _____ (kg). The tool you would use is a _____ or _____.
- What unit of measure do I use?
 - Grams: g
 - Measuring small items like a candy bar
 - Kilograms: kg
 - Measuring larger items like you

- Density

- Density is the _____.
- Density formula: _____

- Temperature

- Temperature is the _____.
- _____ . The base unit for temperature is

_____ (K). Use a _____ to find temperature.

- How can you convert Celcius to Kelvin?

- Time

- Time is the _____ taking place. The base unit for time is _____ (s). A _____, timer, or stopwatch are all tools that can be used to measure time.