

Helping With Math

Comparing Measurement Using the SI Unit



To change the scale of the base units, prefixes are attached. A prefix represents a factor by which the base unit must be multiplied. Metric prefixes are listed below:

Prefixes	Symbol		Decimal Value
kilo	k		1000
hecto	h		100
deka	da		10
Base unit (no prefix)			1
deci	d		0.1
centi	С		0.01
milli	m		0.001
Magazira		Page Unit of Magaurement	

Measurement	Base Unit of Measurement
Length	meter
Mass	gram
Volume	liter

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Comparing Measurement using SI Unit REMEMBER THIS! We measure the mass of solid in grams or kilograms. KILOGRAM is used to measure the weight or mass of heavier objects. While **GRAM** is used to measure the weight or mass of very light objects 1,000g = 1kg5 kg. 5 g. We measure the volume in liters and milliliters. **MILLILITER** is a very small amount of liquid. While LITER is a bunch of millilitres put all together. In fact, 1000 milliliters makes up to 1 liter. 1,000mL = 1L5 mL We measure the length in kilometres and meters. Long distances are measured in kilometers. **METER** is the base 10 m. unit for measuring length. **KILOMETERS** are 1,000 times larger than meter. 1.000m = 1km5 km. **Comparing Measurement Using the SI Unit**

Identify the appropriate unit below







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TABLE OF ACTIVITIES

- 1. Am I long?
- 2. BINGO!
- 3. Weigh Me
- 4. Fill It
- 5. Which is which?
- 6. Cut it Out
- 7. Crack the Code
- 8. Healthier Together
- 9. Power of Ten
- 10. Doctor! Doctor!



AM I LONG?

The objects below are found in the hospital. Compare these hospital-related objects then cross-out the object which has longer measurement.



BINGO!

Encircle the most appropriate unit of measurement to describe the capacity of each medical supply for the hospital's inventory.





WEIGH ME

The Doctor wants to know which equipment is heavier. Help the doctor by coloring which of the two hospital equipment in each box weighs more. Use the scale to help you choose.



FILL IT

Which unit of measurement should the nurse use for each medical tool? Choose the answer from the box and write it down to complete the sentence.





CUT IT OUT

Below are amounts of liquid that can be found in the hospital. Cut and paste them under the units to be used to measure their volume. Examples are shown below.

LITER (L	LITER (L)		LITER (mL)	
Hand Disinfe	Hand Disinfectant		e drop blood	
«			 1	
Glass of Water	Eye Drops		Dose of Medicine	;
Gas in the oxygen tank	Can of soda		Milk for your cereal	
Gallon of alcohol	Medicin	e Syrup	¦ ¦ Specimen in Test tu	be
	Compar	ring Measurem	nent Using the SI Unit	



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POWER OF TEN

The doctor gave the trainee a test. Help him answer it by filling in the sentences below with the appropriate drug doses conversion to be given to the patient.



DOCTOR! DOCTOR!

Decode and solve the secret clause that the patient gave. Fill in the blanks with the letter that matches each hospital-related picture from the box at the bottom of the page. Clue: Only the medical supplies that are measured in mL o L are the correct letters.



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Thank you

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