



 Here in America we use ye olde English system: foot, yard, and mile. 	
system. toot, yara, and mile.	
 However, MOST countries use another system called the International System o Units 	of
 This is the modern form of the metric system. 	

It all depends on t	he foot!
Numbers and units are used to make measurements.	
The distance from your desk to my desk could be 25 shoe lengths or 30 shoe	
lengths. • It depends on how big the shoe is.	
Think of Shaq's foot versus Mini-Me.	

It all depends on the foot!	
• In order to measure accurately, we have to use standard units.	+
In other words, everyone has to use the SAME system or units.	-
 Otherwise, it just gets confusing. A standard is a fixed quantity used by 	-
everyone when measuring.	
	-





Metric System: Length	
 The meter (m) is the SI unit of length. A meter is about the distance from a doorknob to the floor. 	
- A driver golf club is also about a meter in length.	
The meter is divided into 100 equal parts called <u>centimeters (cm)</u> . There are 100 centimeters in a meter:	
- 100 cm = 1 m	







	most appropriate unit for measure the following?
 Distance from San Diego to New York km Length of your eyelash mm Distance from A306 to the office m 	 Length of your arm cm Height of this building m Length of a grain of salt µm















 Measuring
Measuring a volume
Musical Math DVD
Peter Weatherall
www.kidsinglish.com
 info@kidsinglish.com
ribu
 -100 -50ml









/olume of Liquids
 For liquid objects, we use graduated cylinders to measure the volume. In cooking, we may also use measuring cups, teaspoons or tablespoons. The level of a liquid in a graduated cylinder shows the volume of the liquid.
A liter (L) is that is usually used to express volume A soft drink bottle is a 2-liter bottle. For smaller volumes, we use:
- milliliter (ml) - cubic centimeter (cm ³). 1 liter contains 1000 milliliters or 1000 cubic centimeters.











Volume of Solid Irregular			
Objects			
Objecis			
 So, how would I measure the volution of an irregular object such as a legislation object such as a legislation of an irregular object such as a	an't		
• We call this the <u>displacement</u> method.	-		
You will practice it during our lab this week			











Review: Reading the Balance: You Try It!		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1. What does this balance read? ✓ 323.5 grams	





