

MATH LEVEL 3: MEASUREMENT

Adult learners will begin to reason, problem solve, communicate, and make real life connections using measurement.

Benchmarks On exit of this level, learner is able to:	Applications Examples of how/where learners will use this skill:	I do it well enough	I want to work on it	I don't need to work on this now
Know, measure and convert measurement units within a given system	<ul style="list-style-type: none"> • Change meters to centimeters, kilograms to grams, liters to milliliters, hours to minutes, minutes to seconds, years to months, weeks to days, feet to inches, ounces to pounds, and vice versa. • Understand the size and weight of purchased items, such as: fruit, medicine, soft drinks, and boxed food. 			
Know and compare the units of measure of volume: cubic centimeter, cubic meter, cubic inches, cubic feet, cubic yards, and know their abbreviations	<ul style="list-style-type: none"> • Demonstrate the use of measurements, such as: cubic centimeter, cubic meter, cubic inches, cubic feet, and cubic yards. • Know the abbreviations of the units of measure. • Understand the capacity of a fuel tank, the trunk of a car, or the bed of truck. 			
Know and convert measurement of length, weight, area, volume, and time	<ul style="list-style-type: none"> • Calculate the perimeter of a yard for fencing. • Calculate the area of a room for paint or carpet. 			
Understand area and perimeter formulas.	<ul style="list-style-type: none"> • Calculate the perimeter of a yard for fencing. • Calculate the area of a room for paint and carpeting. 			
Understand right angles	<ul style="list-style-type: none"> • Compare and contrast angles to right angles. 			
Find areas of geometric shapes using formulas.	<ul style="list-style-type: none"> • Calculate the area of a triangle. • Calculate the area of a parallelogram 			

Name: _____

Date: _____