

METRIC CONVERSIONS

Convert each of the measurements and write the answer in the blank provided.

6.7 m = _____ cm	9 g = _____ kg	94.23 mm = _____ m
3 cc = _____ ml	3.09 km = _____ m	94.91 L = _____ mL
23 kg = _____ g	84.8 mL = _____ L	83 cm = _____ mm
_____ ml = 2 cc	_____ g = 23.5 kg	_____ m = 245 mm
_____ L = 987 ml	_____ cm = 234 mm	435 hm = _____ cm
23 dm = _____ m	1 dag = _____ hg	1 dkg = _____ dag

Metric Length Pop-Ups

Score _____

Metric Problem Solving Pop-Ups

Score _____

Metric Length Columns

Score _____

METRIC STATIONS

NAME _____

GROUP MEMBERS _____

MEASURING LENGTH

PROCEDURE:

- Answer these questions before you begin measuring:
 - What symbol is used to abbreviate meter? _____
 - How many centimeters are on the ruler? _____
 - What symbol is used to abbreviate centimeter? _____
 - Millimeters are abbreviated mm. How many mm are in 10 cm? _____
- Read the instructions at this station, and then fill in the data chart.

Object	Estimation of Length in cm	Actual Length in cm	Actual Length in mm

- Compare the length in cm to the length in mm. What do you notice?

LONGER LENGTH

PROCEDURE:

- Read the instructions at this station, and then fill in the data chart.

Object	Estimation of Length in m	Actual Length in m	Actual Length in cm

MEASURING MASS

PROCEDURE:

1. Answer these questions before you begin measuring:
 - a. What is the symbol used for gram? _____
 - b. How many grams are in a kilogram? _____

2. Read the instructions at this station, and then fill in the data chart.

Object	Estimation of mass in g	Actual Mass In g

MORE MASS

PROCEDURE:

1. Read the instructions at this station, and then fill in the data chart.

Mass of Pie Pan	Estimation of Marshmallows	Actual Number of Marshmallows

TEMPERATURE

PROCEDURE:

1. Read the instructions at this station, and then fill in the data chart.

	ESTIMATED TEMPERATURE IN °C	ACTUAL TEMPERATURE IN °C
HOT WATER		
ROOM TEMP. WATER		
COLD WATER		

REGULAR VOLUME

PROCEDURE:

1. Read the instructions at this station, and then fill in the data chart.

Object	Estimation of Volume in cm ³	Actual Volume in cm ³

IRREGULAR VOLUME

PROCEDURE:

1. Read the instructions at this station, and then fill in the data chart.

Object	Estimation of Volume in cm ³	Original Volume of Water in mL	Volume of Water with Object in mL	Actual Volume of Object in cm ³

MEASURING CAPACITY

PROCEDURE:

1. Read the instructions at this station, and then fill in the data chart.

Container	Estimation of Volume in ml	Actual Volume in ml