Test 3 Study Page • Summary

Name: _____ Grade: _____

Everything around us consists of matter.

Matter

is characterized by:

- having mass
- having volume (it occupies space)
- being naturally found in different states, such as solid, liquid and gas

Solids, liquids and gases have different characteristics, as seen in the table below.

	Solid	Liquid	Gas
Maintains its shape	✓		
Has constant volume	✓	✓	
Adapts easily to the container it is in		✓	✓
Can be compressed			✓
Can expand			✓
Can flow		✓	✓
Particles are	tightly packed	slightly packed	separated

Matter can also change from one state to another (change in state) when the temperature increases and decreases.

Mass, volume and temperature can be measured for every type of body.

	Measuring Instruments	Units of Measurement
Mass	scales	kilogram (kg) / grams (g)
Volume	graduated material (pipettes, cylinders, flasks, droppers, etc.)	liter (l) / milliliters (ml)
Temperature	thermometer	Kelvin (K) / Degrees Celsius (ºC)

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Test 3 Study Page • Review

Remove, answer, and glue in your notebook.

Section 1

1. Define the following concepts:

Matter: _____

_____

Mass: _____

_____

Volume: _____

_____

Section 2

2. Write the state of each circled object. Then describe the characteristics of each state.

	Physical State	Characteristics

Section 3

3. Find five measuring instruments and five units of measurement.

D	R	O	P	P	E	R	T	G	S	D
D	W	E	Y	I	L	H	H	S	C	E
O	K	P	A	V	B	M	E	F	A	G
P	I	P	E	T	T	E	R	L	L	R
G	L	V	C	F	P	O	M	T	E	E
Q	O	J	D	E	O	Z	O	X	A	E
F	G	R	C	M	A	W	M	S	P	S
Y	R	E	B	U	L	K	E	K	Y	C
P	A	I	R	L	L	I	T	E	R	E
D	M	S	C	N	R	G	E	L	F	L
Y	U	B	M	Q	M	S	R	V	H	S
C	Y	L	I	N	D	E	R	I	P	I
I	X	B	U	G	A	S	C	N	S	U
B	R	A	I	Z	Q	K	L	S	U	S
G	R	A	M	S	J	S	P	D	Y	A

4. Classify the instruments and units of measurement in the word search according to the properties that they measure.

Instruments		
Mass	Volume	Temperature

Units of Measurement		
Mass	Volume	Temperature

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