Reinforcement Worksheet 1

Name: _____ Class: _____ Date: _____

1. Write **T** for true and **F** for false. Explain the false answers.

a. _____ Mass is the same as weight.

_____

b. _____ Volume is the space a body occupies.

_____

c. _____ Mass and temperature are properties of matter.

_____

d. _____ Matter exists only in liquid and gaseous states.

_____

e. _____ Particles in a solid state can flow.

_____

f. _____ Particles in a liquid state stay in one place.

_____

2. Draw how particles are found in solid, liquid and gaseous states.

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3. Match the instruments with the magnitudes they measure and their units of measurement.

thermometer	volume	kilogram
graduated cylinder	mass	degrees Celsius
scale	temperature	liter

4. Complete the table for each product.

Product	Instrument	Unit of Measurement	Magnitude
Potatoes			
Bananas			
Mineral water			

5. With a kitchen scale, measure the mass of the objects in the table.

	Mass	Unit of Measurement
Eraser		
Pencil case with pencils		
Glue		

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Reinforcement Worksheet 2

Name: _____ Class: _____ Date: _____

1. Complete the sentences.

a. Matter is _____.

b. Mass is _____.

c. Volume is _____.

d. Examples of matter are:

- _____
- _____
- _____
- _____

2. Match each state of matter with the characteristic of its particles and an example.

solid	Particles can move.	natural gas
liquid	Particles vibrate without moving.	pen
gas	There is no force to keep the particles together.	milk

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3. Write the change in state that occurs in each situation.

a. Snow melting: _____

b. Wet clothes hanging in the wind and sun: _____

c. Mist on a bathroom mirror: _____

d. Formation of ice cubes: _____

4. Complete the table for each product.

Product	Instrument	Unit of Measurement	Magnitude
Sugar			
Juice in a bottle			
Coffee			

5. With a 50-ml graduated cylinder, measure the volumes of water indicated in the table below.

Volumes of Water
20 ml
35 ml
50 ml

a. What magnitude are you measuring?

_____

b. What unit of measurement did you use?

_____

c. What instrument did you use?

_____

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