

Chapter 10**Lesson 1- How can we describe matter?**

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Q1. What is matter?

Ans: Matter is anything that takes up space and has mass.

Q2. Name three states of matter.

Ans: Solid, Liquid and gas

Q3. Explain why most objects you observe are not elements?

Ans: In order to be an element all the atoms which make up the matter must be of one type. Most matter is made up of many types of atoms joined together.

Q4. What thing about element is used to arrange them in periodic table?

Ans: The element's properties

Q5. Define element and atom

Ans:

1. Element- An element is made up of single type of particles.
2. Atom- The smallest particle of an element which has the properties of that element is called an atom

Lesson 2 – How are properties of matter measured?

8/12/19

Q1. Define the following:

1. Mass- The amount of matter an object has is its mass.
2. Volume- Volume is the amount of space that an object takes up
3. Density- it is the measure of the amount of matter in a certain amount of space.

Q2. How are an object's mass and weight different?


Ans: An object's mass is the same no matter where the object is where as an object's weight may be different in different places.


Q3. Describe how you would measure the volume of a liquid.

Ans: Pour the liquid into a measuring cup. Record the volume written on the side of the measuring cup in milliliters or liters.


Q4. Draw two things that sink in water and float in water.

Sink in water

1. Marbles : 

2. Nail : 

Float in water

1. Paper boat : 

2. Cork : 