gas/only state that can be compressed

liquid/state that changes shape but not volume

volume/amount of space an object takes up

mass/amount of matter contained in an object

solid/state with a definite shape and volume

mixture/physical blend of two materials that can be separated by filtration or distillation

element/simplest form of matter that cannot be broken down by chemical means

compound/multiple elements chemically bonded together to make a new substance with new properties

atom/smallest amount of an element you can have

molecule/smallest amount of a compound you can have

homogeneous/type of mixture with a uniform composition

heterogeneous/type of mixture with a non-uniform composition (you can see the different parts)

heterogeneous/soil is this type of mixture

homogeneous/air is this type of mixture

compound/water (H2O) and carbon dioxide (CO2) are this type of substance

Fe/symbol for iron

Tin/Sn is the symbol for this element

Gold/Au is this element

Pb/symbol for lead

Na/symbol for sodium

Silver/Ag is this element

solution/another word for a homogeneous mixture

expands/when you heat an object it \_\_\_\_\_\_\_\_\_

sublimation/solid turns to gas

condensation/gas turns to liquid

evaporation/liquid turns to gas at and temperature

vaporization/liquid turns to gas at the boiling point

melting/the freezing point of water is 0 degrees celsius. this same temperature is also the \_\_\_\_\_\_\_\_\_\_ point of water.

Physical/type of change in matter where the composition of the substance does NOT change

Chemical/type of change in matter where the composition of the substance does change

Chemical/rusting is this type of change

Physical/boiling water to make steam is this type of change

Physical/dissolving sugar in water is this type of change

Millimeters/1,000 of these make a meter

Gram/SI unit for volume

Liter/SI unit for mass

Onehundred/it takes \_\_\_\_\_\_ centimeters to make a meter

Onethousand/kilo means this. 1 kilogram is \_\_\_\_\_\_\_ grams.