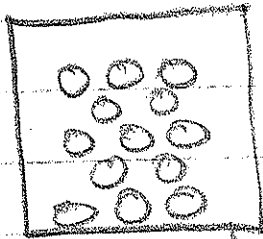


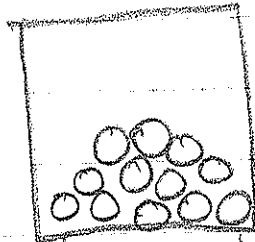
Matter Unit Study Guide

Know how molecules are arranged in their different states, know how they move



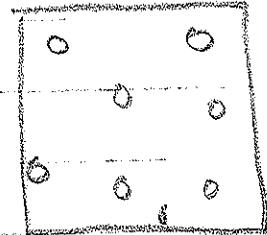
Solid

Move slowly



Liquid

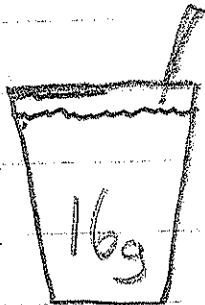
Medium movement



Gas

Move fast

When matter changes state there is no new matter + no matter disappears.



Milkshake
Frozen



Milkshake
Melted

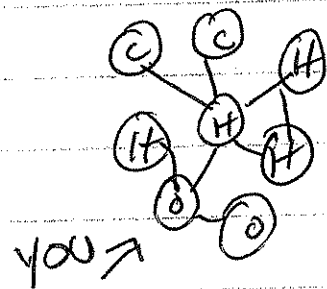
Atom - the smallest unit of an element. Has the properties of that element.

Molecule - when more than 1 element ~~is~~ is joined together. (H_2O)

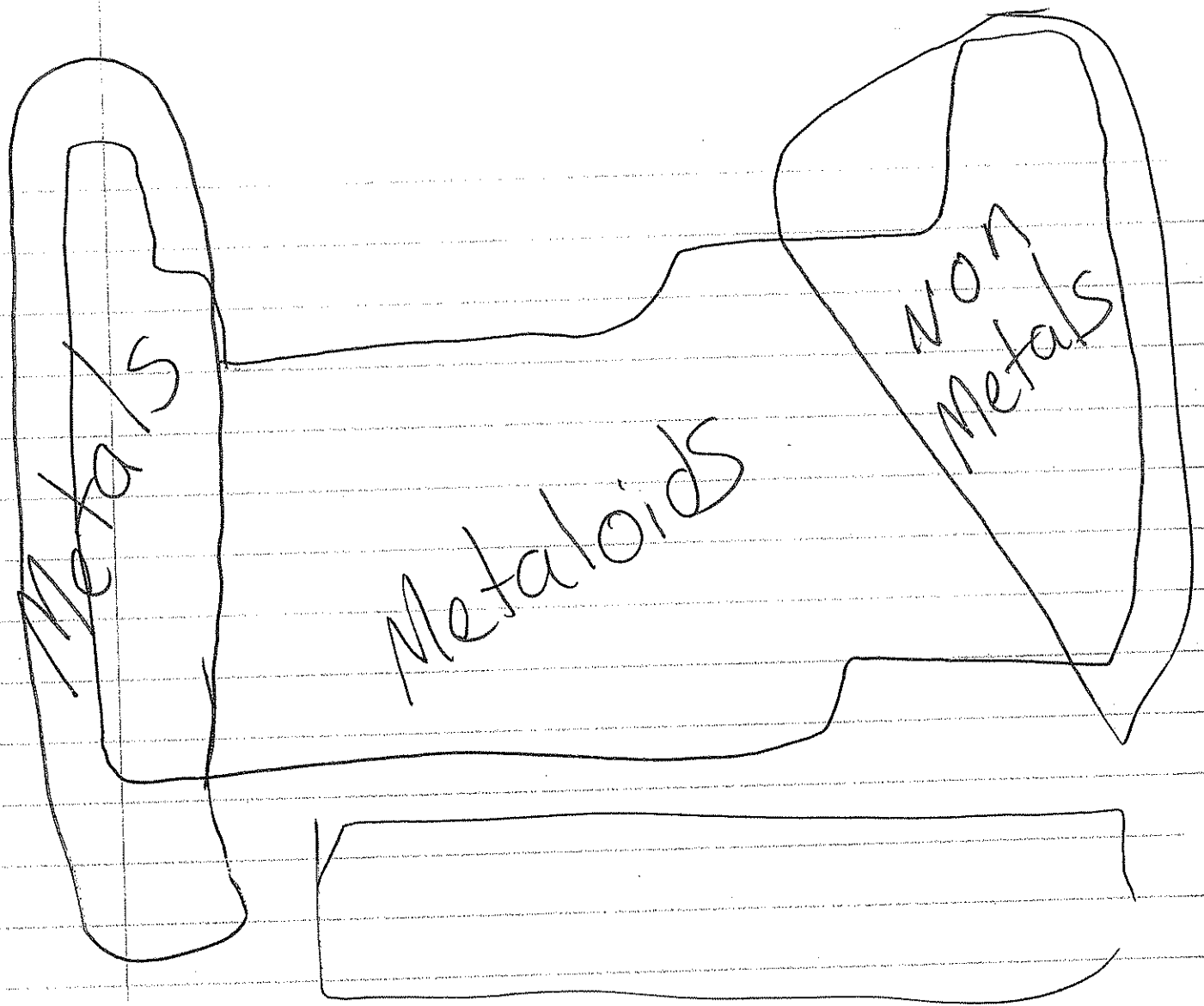
Element - A pure substance it cannot be broken down into a simpler substance - even through chemical reactions. On the periodic table.

Draw Molecules

Vinegar $C_2H_4O_2 \rightarrow$
Given



Chemical Properties	Physical Properties
Burning a marshmallow	Breaking a ruler
Baking a cake	origami
Rusted Nail	Boiling water



Metals

shiny
hard
bendable
can flatten it
wire

Metalloids

some
←

Non Metals

NO
properties
of
Metals