

Quiz #2 Study Guide

①

Define the following

Metal -

Non-metal -

Metalloid -

Malleability -

Ductile -

Luster -

Brittle -

Where do you find the following on the P.T.?

Halogens?

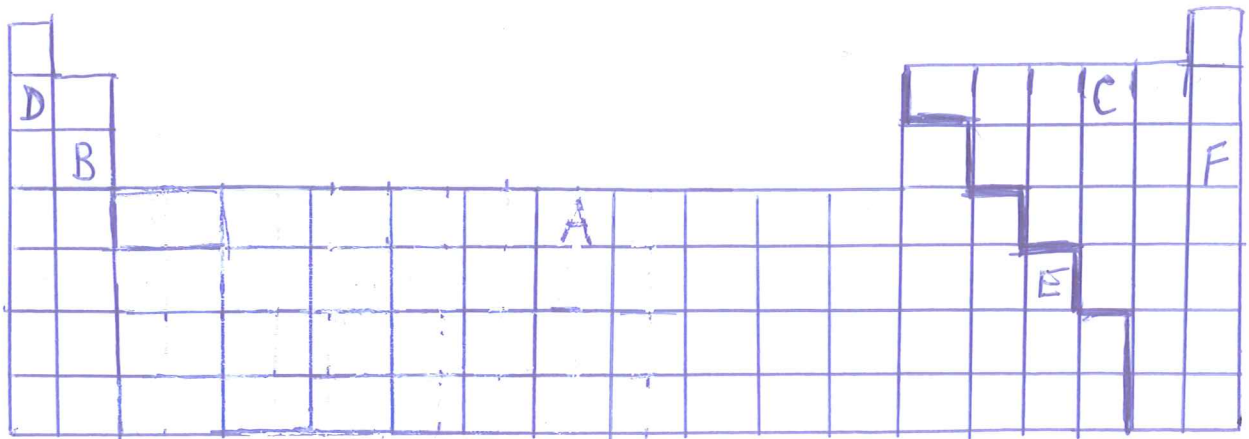
Alkaline Earth Metals?

Alkali Metals?

Noble gases?

Use the following P.T. Diagram to answer each question

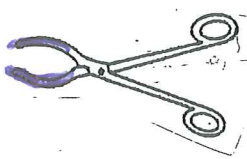
Q



1. Which is a transition metal?
2. Which is a non-metal?
3. Which is an Alkali Metal?
4. Which is a metalloid?
5. Which is an Alkaline Earth Metal?
6. Which is a Noble gas?

ID the following Lab utensils

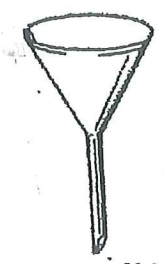
1.

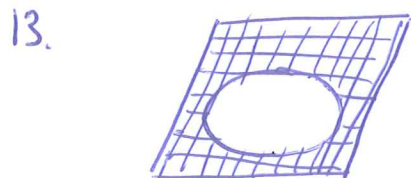
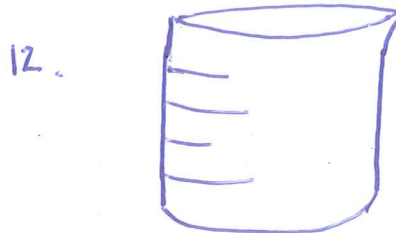
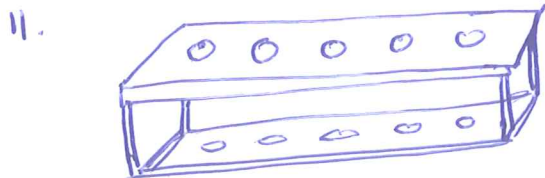
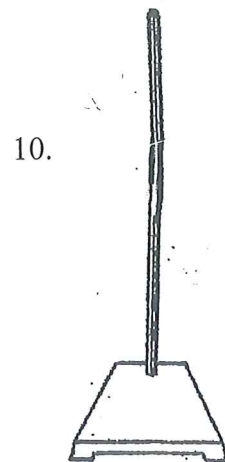
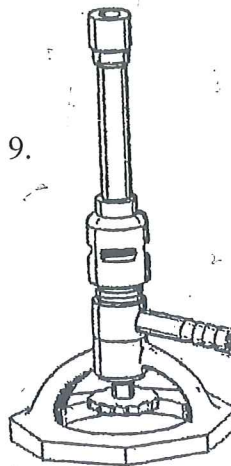
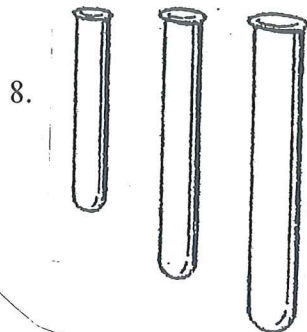
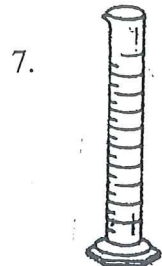
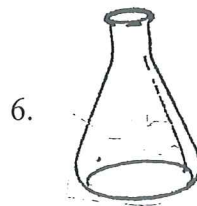
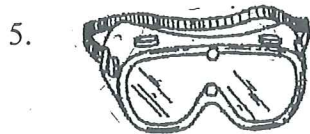
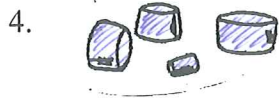


2.



3.





Review the basic lab safety rules

(4)

Define the following

Physical Properties -

Chemical Properties -

Classify the following properties as Phys/chem

- Density = _____
- Reacts w/ NaOH = _____
- Oxidizes = _____
- Evaporates = _____
- Color = _____
- Flammable = _____
- Melting Pt. = _____
- Doesn't React w/ H₂O = _____

Classify the following as chem./Phys. change

- $H_2 + O_2$ gases become H_2O = _____
- Gasoline evaporates = _____
- Ethanol ignites = _____
- Dead deer rots = _____
- Aluminum oxidizes = _____
- Sugar dissolves in H_2O = _____
- H_2O freezes = _____
- Glass shatters = _____