

SNC 2P Exam Review

Terms to Know

Corrosive	
Compound	
Atom	
Physical Change	
Law of Conservation of Mass	
Alkali Metals	
Halogens	
Noble Gases	
Diffusion	
Cell	
Carcinogen	

Tissue	
Peristalsis	
Angle of Reflection	
Bioluminescence	
Triboluminescence	
Incandescence	
Chemiluminescence	
Refraction	

Biology:

List the cell organelles and briefly outline their function:

SNC 2P
J. Kropac

Contrast animal and plant cells.

Briefly outline the stages of mitosis.

Why do cells divide?

List and describe some ways to combat cancer?

What are the major components of the circulatory system?

What are the major components of the respiratory system?

What are the major components of the digestive system? Be sure to include function.

What are the two types of digestion?

What is the difference between arteries and veins?

Chemistry:

List the charges of the following ions: Fluoride ion, Chloride ion, Sodium ion

Draw a Bohr-Rutherford diagram of a helium atom.

Name the following ionic compounds:

Na_2O _____

KCl _____

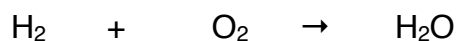
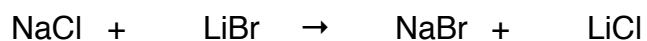
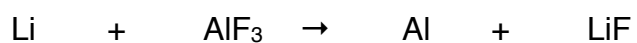
Name the following molecular compounds:

CH_4 _____

S_2O_2 _____

How many atoms are in $\text{Mg}(\text{OH})_2$?

Balance the following chemical reactions:



Give an example of the following:

A synthesis reaction

A decomposition reaction

A double displacement reaction

A single displacement reaction

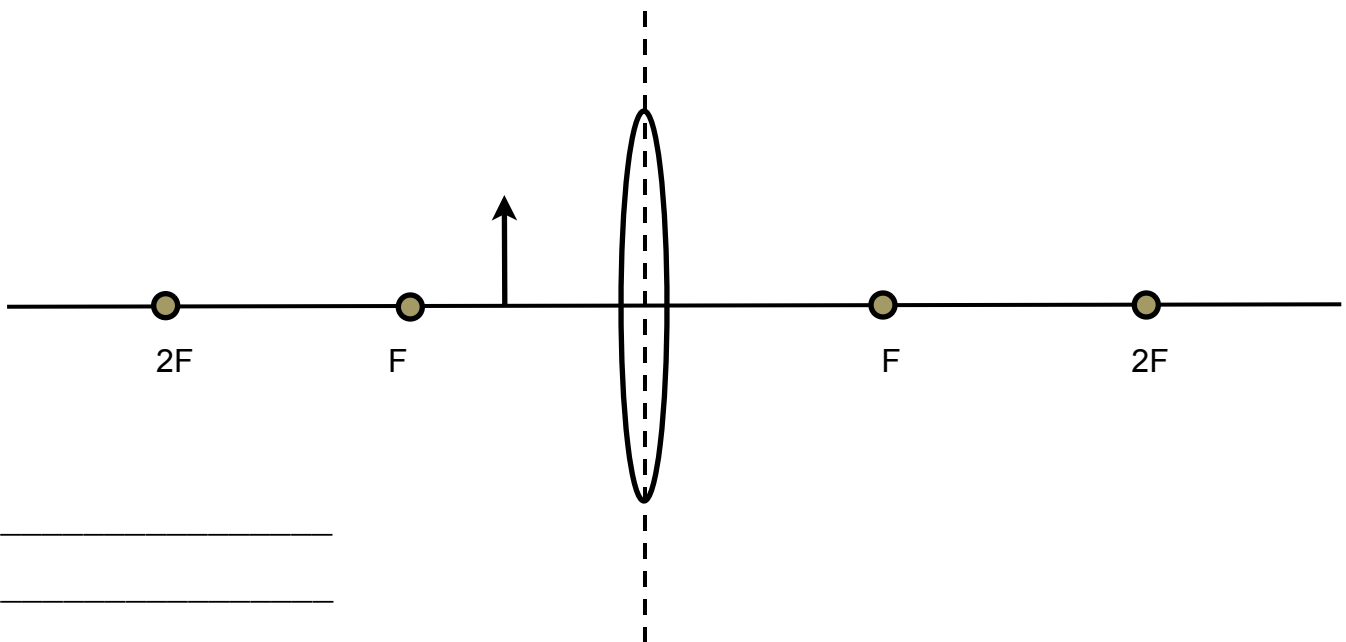
What are some characteristics of acids and bases?

Physics:

What is the difference between a concave and a convex mirror?

Describe the image that plane mirrors produce.

Locate the image in the following lens



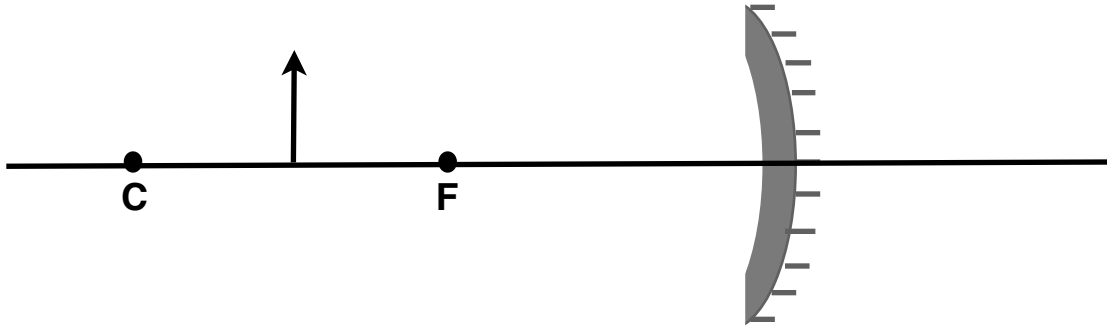
S _____

A _____

L _____

T _____

Locate the image in the following mirror



S _____

A _____

L _____

T _____