

Note Taking Guide - Episode 1401

Law of Reflection:

Diffuse reflection-

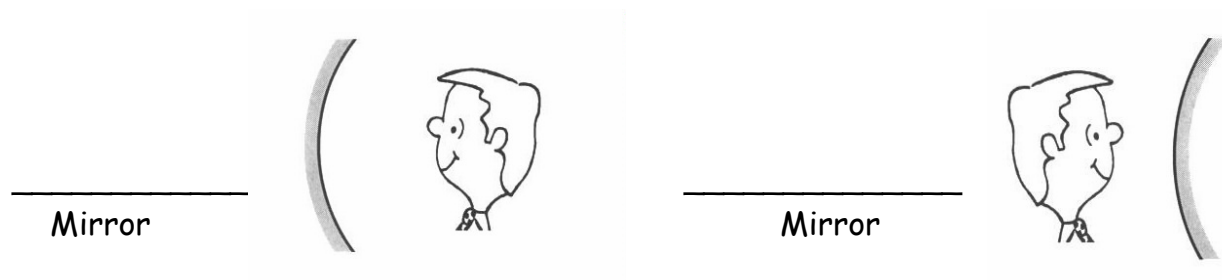
Regular reflection-

Plane Mirror Images:

- are _____ images -
- appear
- are
- are
- reverse

uses for plane mirrors:

Curved (or Spherical) Mirrors:



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Parts of a Spherical Mirror

C: _____ of curvature (center of sphere of which mirror is a part)

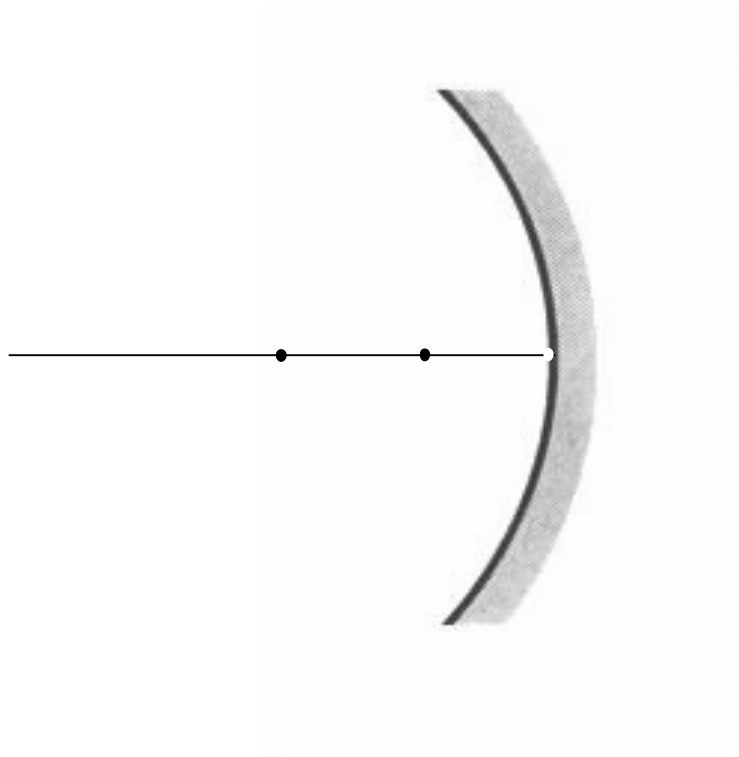
V: _____ of mirror (center of mirror itself)

F: _____ point (Parallel rays reflected from mirror converge at this point.)

P: _____ axis (goes through _____ and _____)

r: _____ of curvature (distance from _____ to _____) ($r =$ _____)

f: _____ length (distance from _____ to _____)



real image -

- formed
- can be
-

Note Taking Guide - Episode 1401

Rules for Ray Diagrams:

incident rays

are reflected

1		
2		
3		

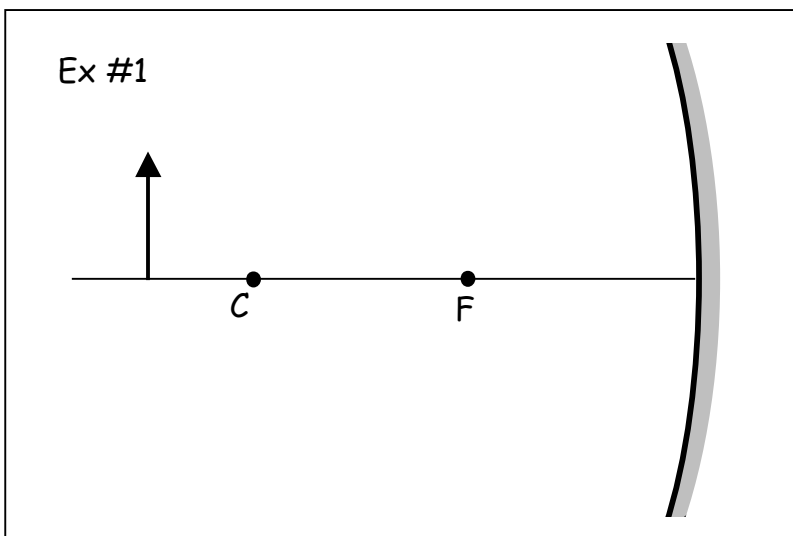


Image is located between ____ and ____.

It is (*real, virtual*), (*erect, inverted*) and (*reduced, enlarged, same size as object*).

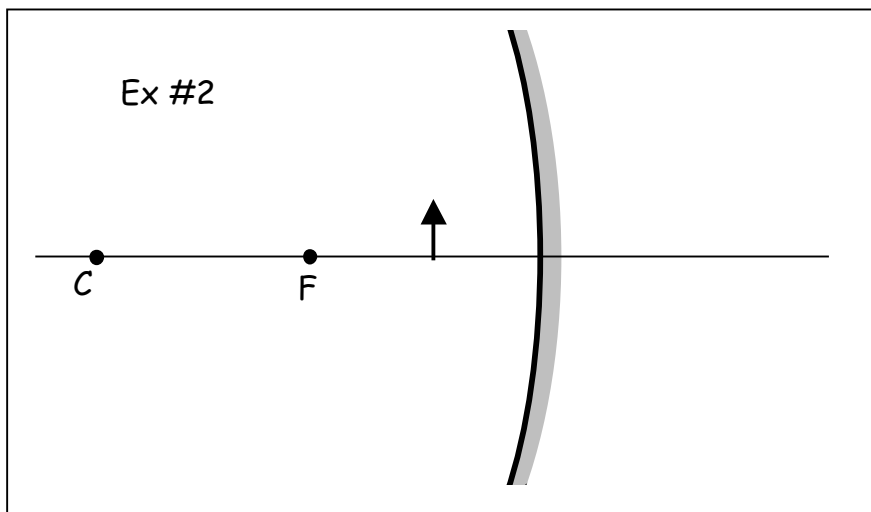


Image is located _____ mirror.

It is (*real, virtual*), (*erect, inverted*) and (*reduced, enlarged, same size as object*).

Problem Set #1 (on back).

uses of concave mirrors: