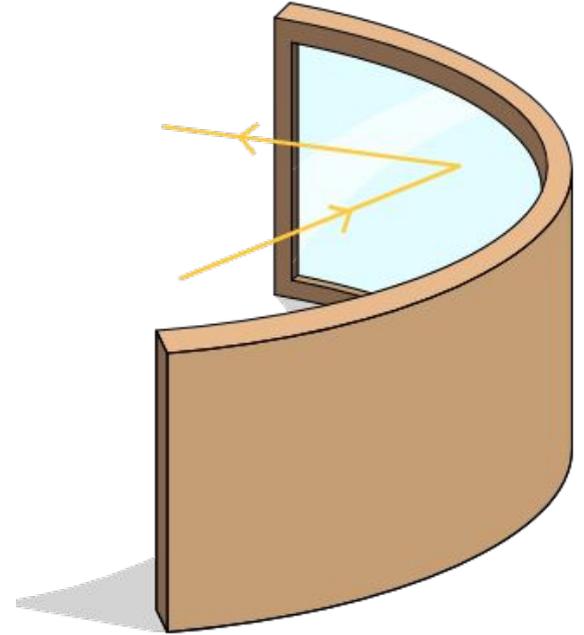


Spherical mirrors and reflection

Teacher : Priti Shethia

Concave mirrors

If the reflecting surface facing the object is concave, that mirror acts as concave mirror.



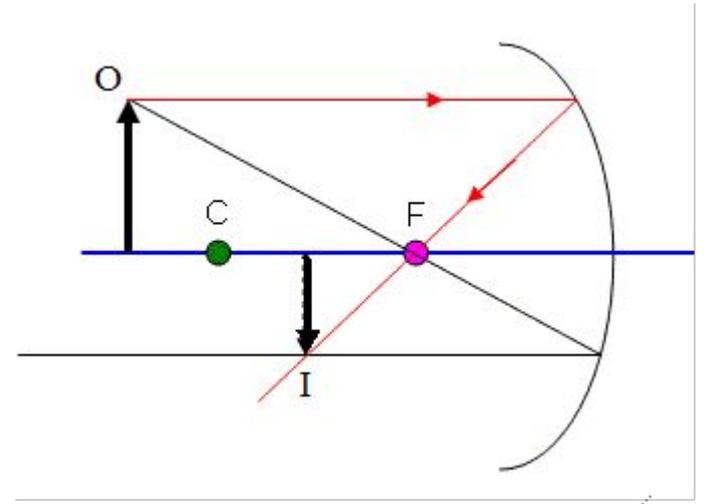
Convex mirror

If the reflecting surface facing an object is convex in shape then that mirror is called convex mirror

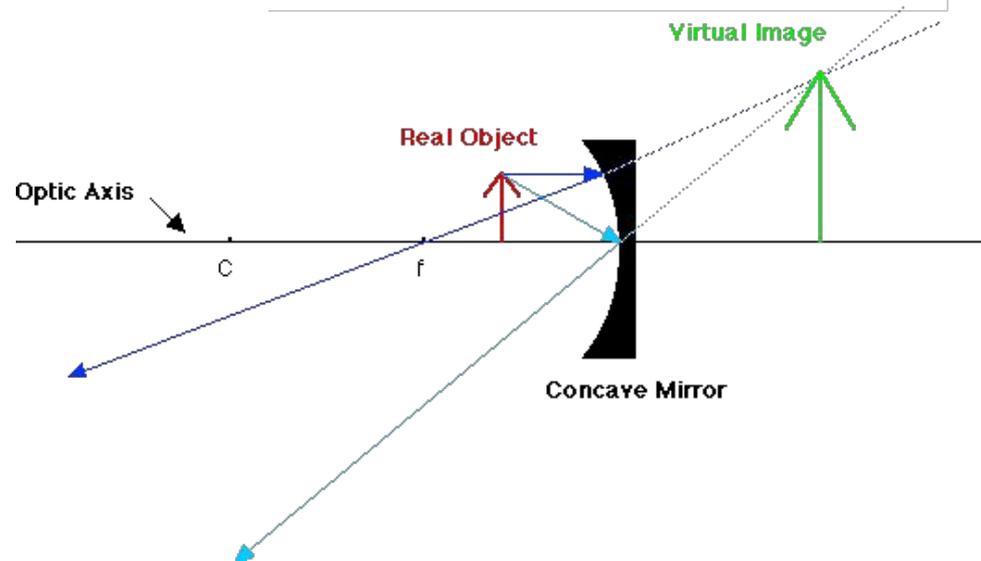


Image formed by concave mirror

When an object is placed at a distance more than focal length, image formed is real



When an object is placed at a distance less than the focal length, image formed is virtual



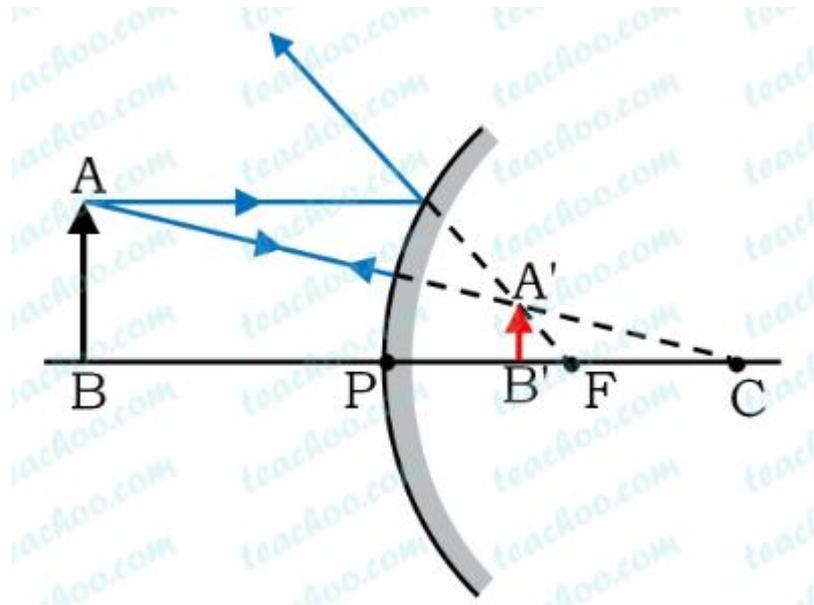
Uses of concave mirror

- Shaving/Makeup mirrors
- Dental Mirrors
- Car headlight Mirrors



Image formed by convex mirrors

They always give virtual image and the image is diminished



Uses of convex mirror

Uses for Convex Mirrors

- Because convex mirrors allow you to see more than plane mirrors, they are often used for security in stores as well as rear-view mirrors in cars.

