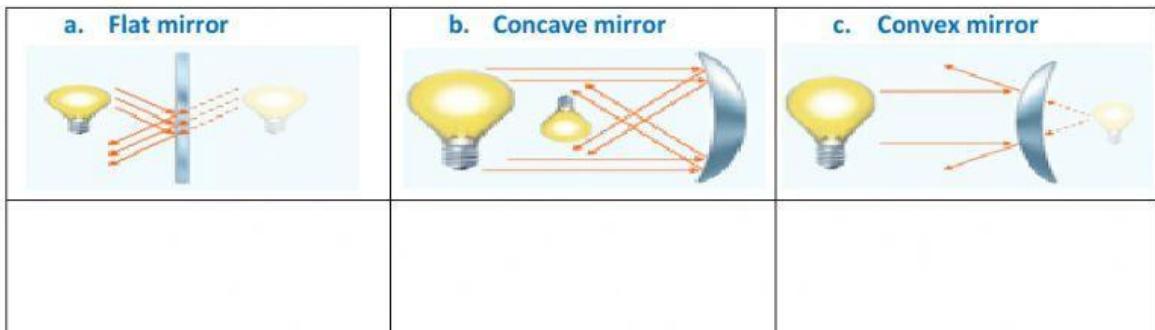


## Lesson 7: How does light bounce and bend? (Mirror)

Image: is a picture of light source that light makes when it bounces off a shiny surface.



When light hits a mirror, it will reflect. We have three types of mirror:



### Law of reflection

**Angle of incidence = Angle of reflection**

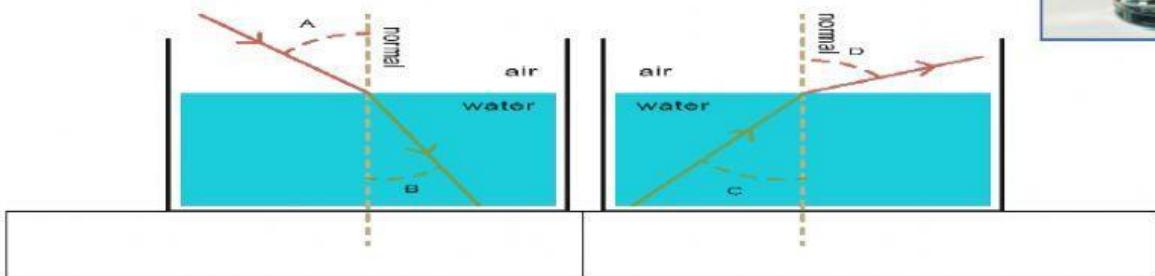
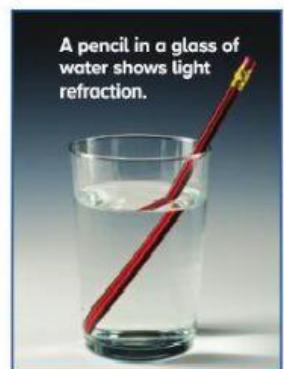
## Light can Bend (Lenses)

### ✓ **What you see when you place object in water**

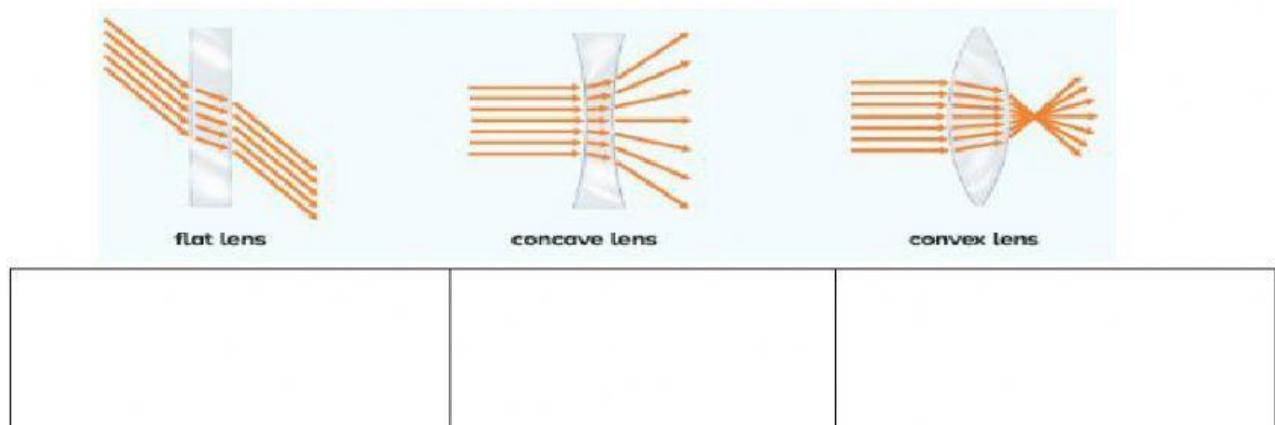
Refraction: is the bending of waves as they pass from one medium into another.

The pencil appears to bend.

The light from the object is bending not the object itself



## Lenses



### Uses of Lenses:



Telescopes

Eyeglass

cameras

lenses

### Uses of mirror:

Flat mirror	Concave mirror	Convex mirror



Dressing room



Car side mirror



Security shop or street mirror



makeup



dentist