

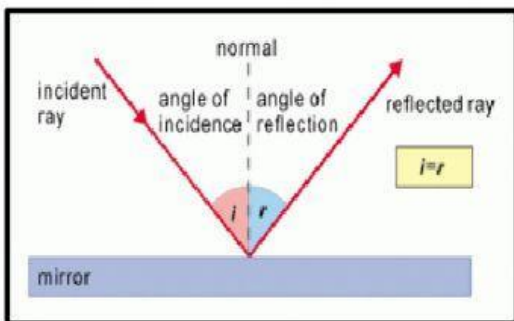


Lesson 7: How does light bounce and bend? (Mirror)

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:

a. Flat mirror	b. Concave mirror	c. Convex mirror

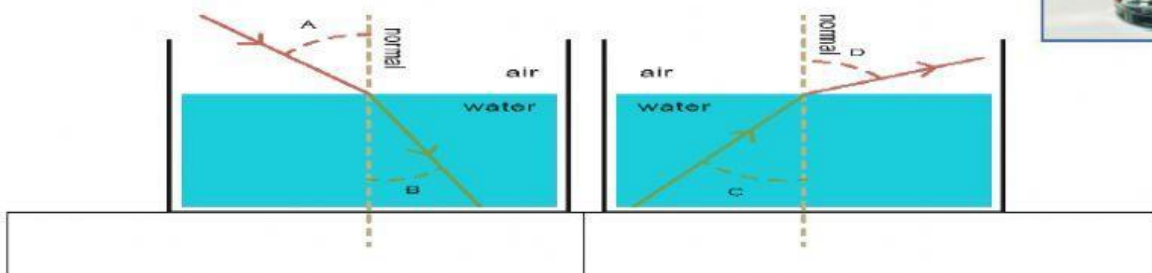
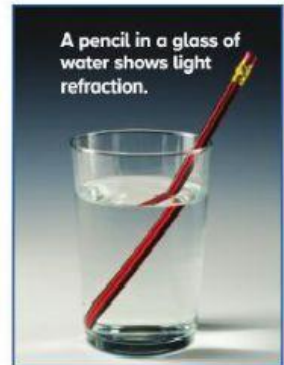


Law of reflection Angle of incidence = Angle of reflection

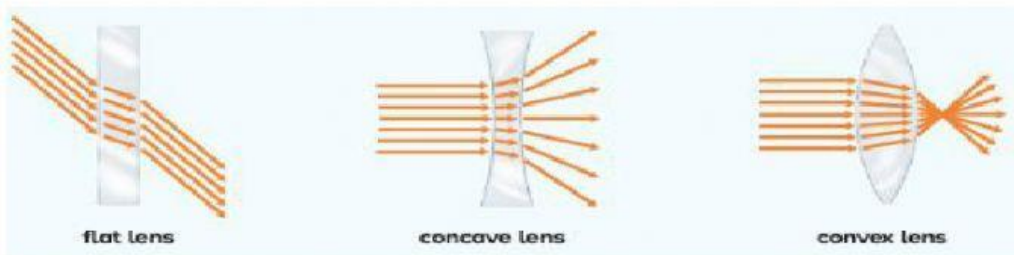
Light can Bend (Lenses)

- ✓ **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



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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

