

Lenses

Lenses - are _____

- they may have _____
- can be made of _____
- cause parallel light rays to _____ or _____

Any object that can refract light has a _____

which is a measure of how much the medium will refract light --> see page

--> which substance is the *most* refractive? _____

--> which substance is the *least* refractive? _____

Light Through Different Mediums

When light travels through different mediums (ex. air, water, plastic), its _____ changes. Depending on the medium, the incident ray and the refracted ray are travelling in will determine whether the refracted ray bends _____ or _____ the normal.

Diagram 1 Air → Plastic

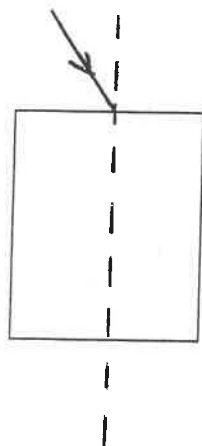
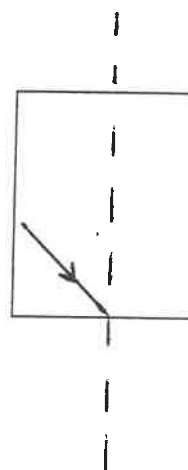


Diagram 2 Plastic → Air



Light _____ and bends _____ the normal.

Light _____ and bends _____ the normal.

The denser the medium, the _____ light will travel.