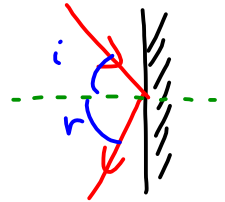


Reflection and Refraction

When light reflects from a plane mirror* the angle of incidence is equal to the angle of reflection.

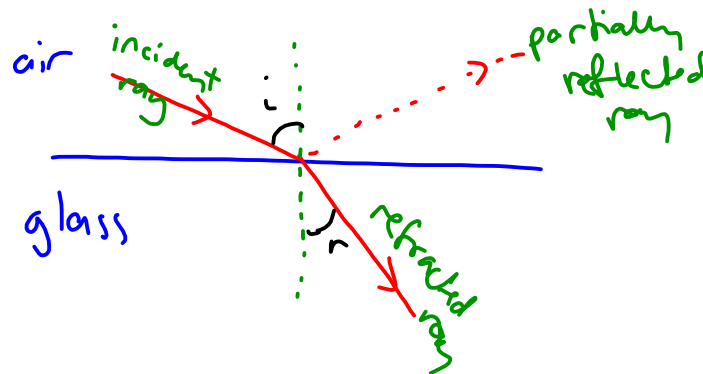
*or anything else



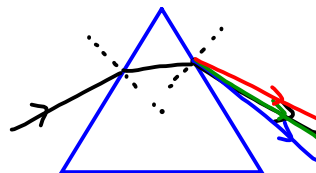
When light travels from air to glass it slows down and refracts towards the normal*.

*if the incident ray is along the normal, it goes straight on.

There is also partial reflection.



When light goes through a triangular prism, it is refracted twice in the same direction.



Violet light refracts the most, and red refracts the least. ("blue bends best")

This splits the white light into a spectrum - the process is called 'dispersion'.