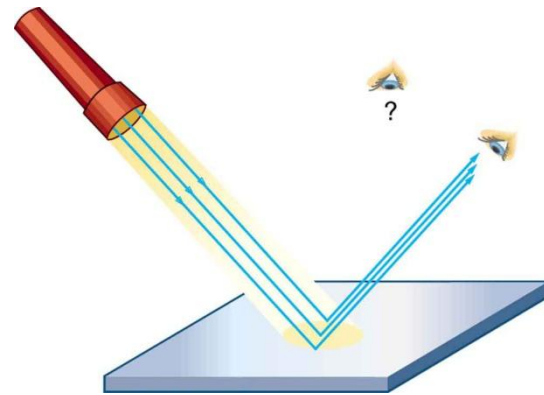
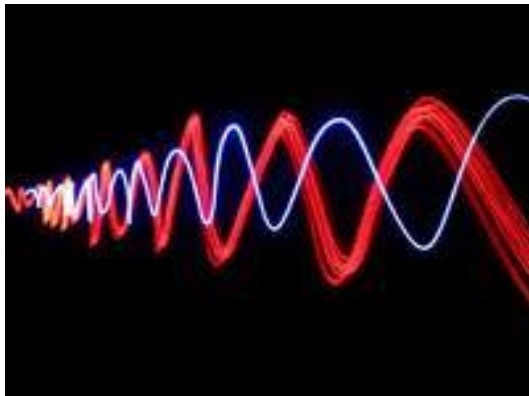
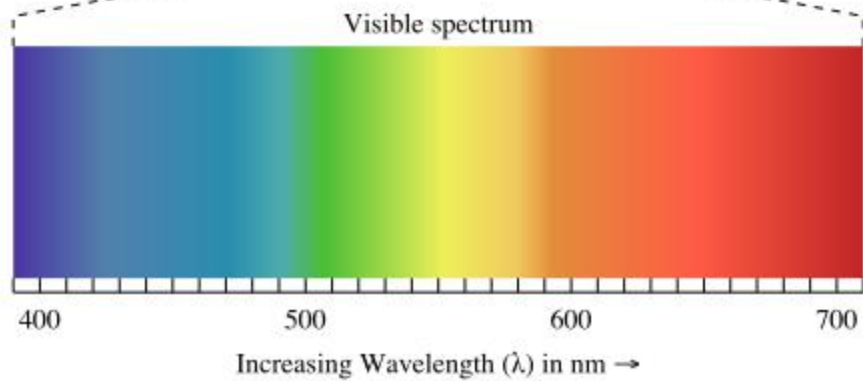
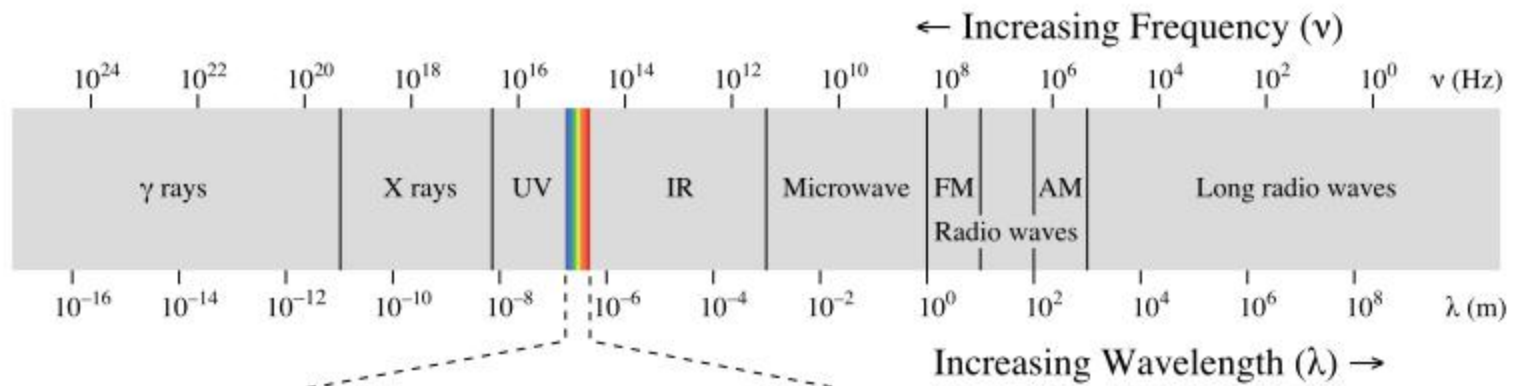


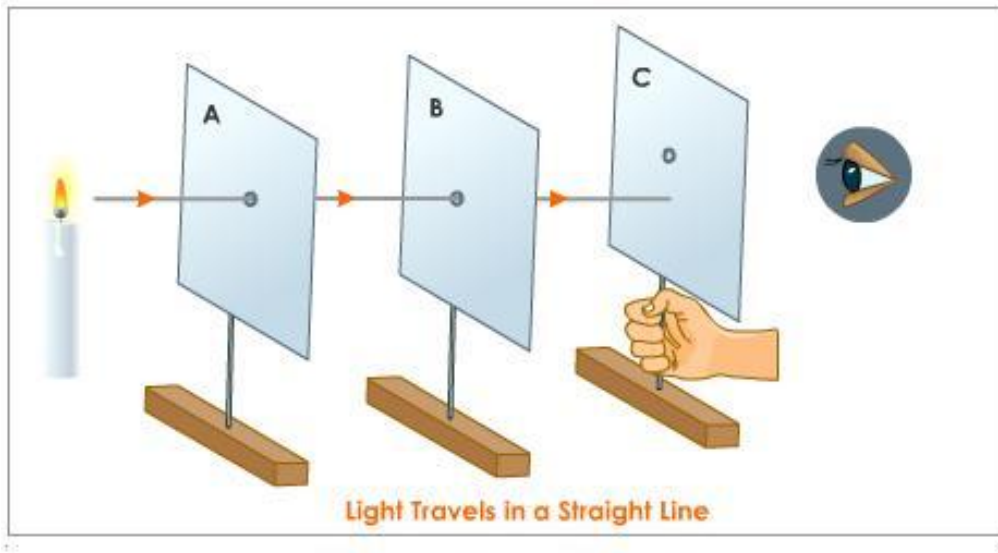
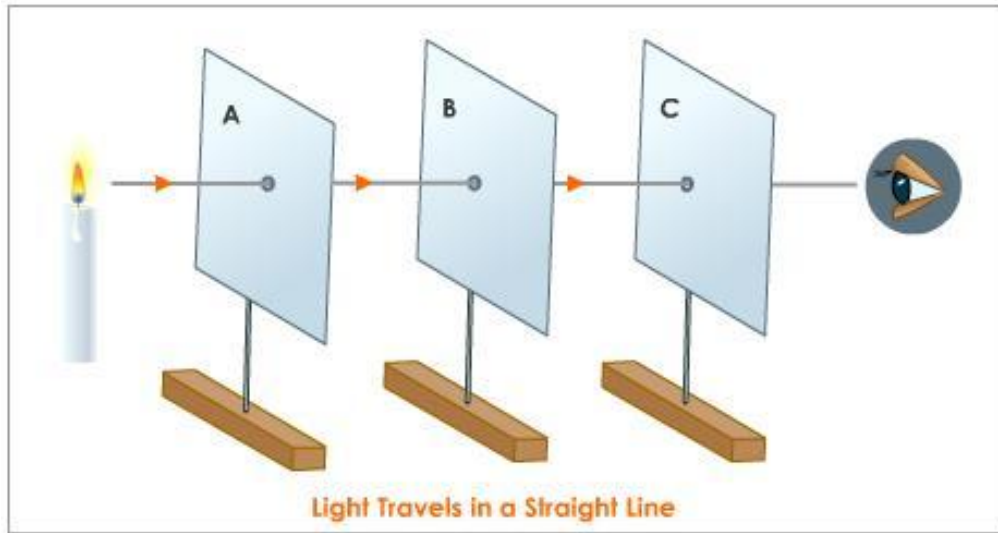
Light and Reflection



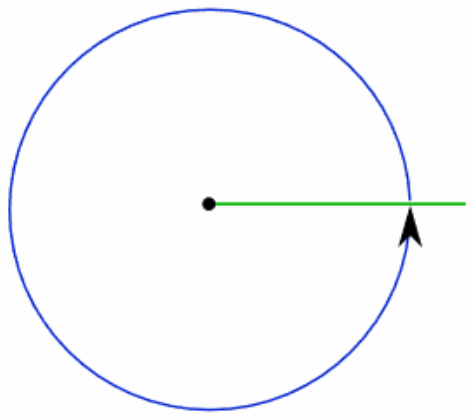
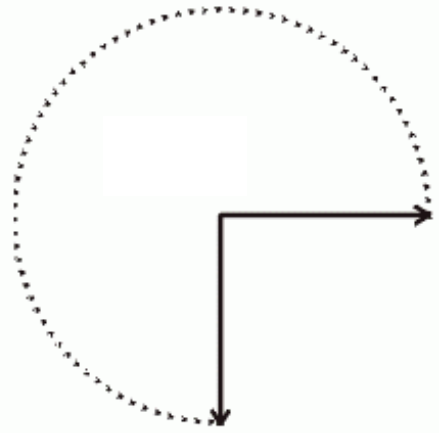
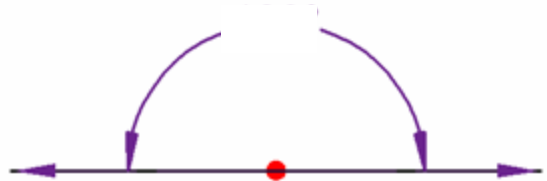
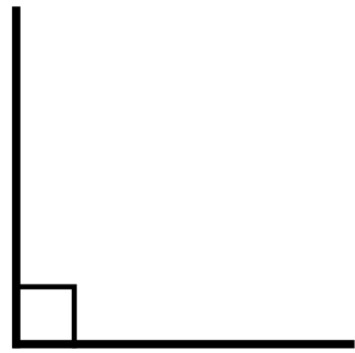
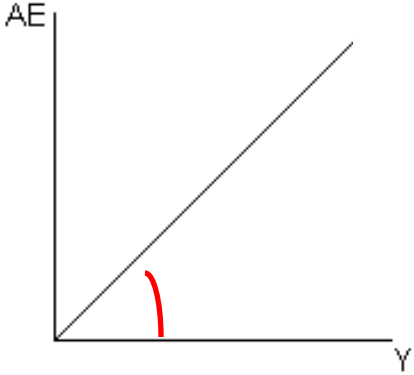
Light

- Electromagnetic radiation
- Can be visible and non-visible
- Travels in a straight line
- Speed of light – maximum speed at which all energy and matter can travel

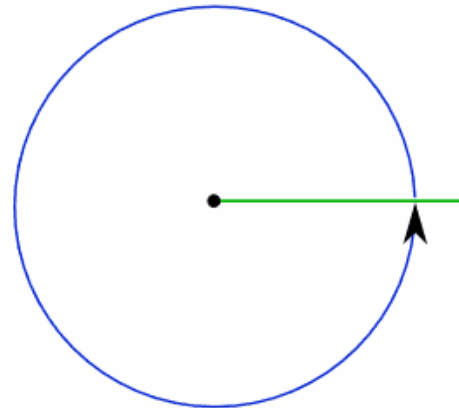
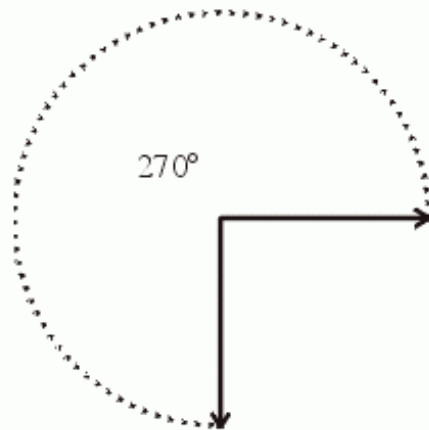
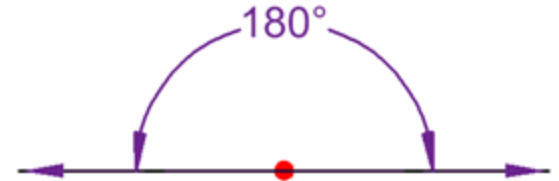
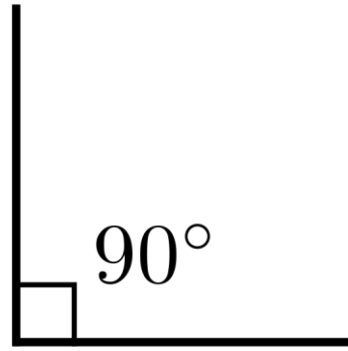
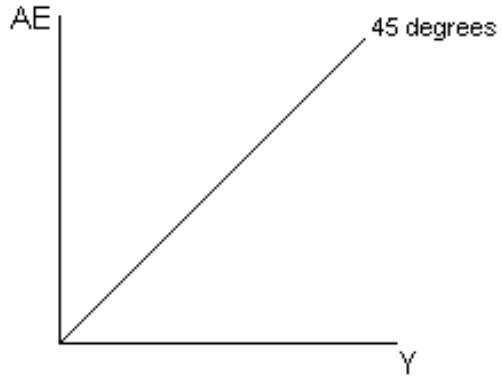




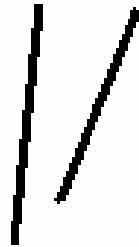
Angles



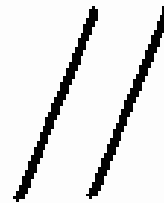
Angles



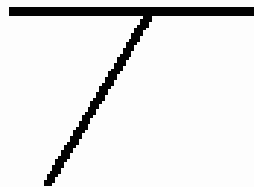
Parallel & Perpendicular



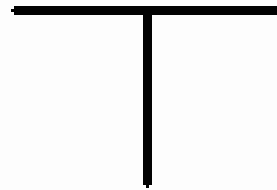
Not Parallel



Parallel

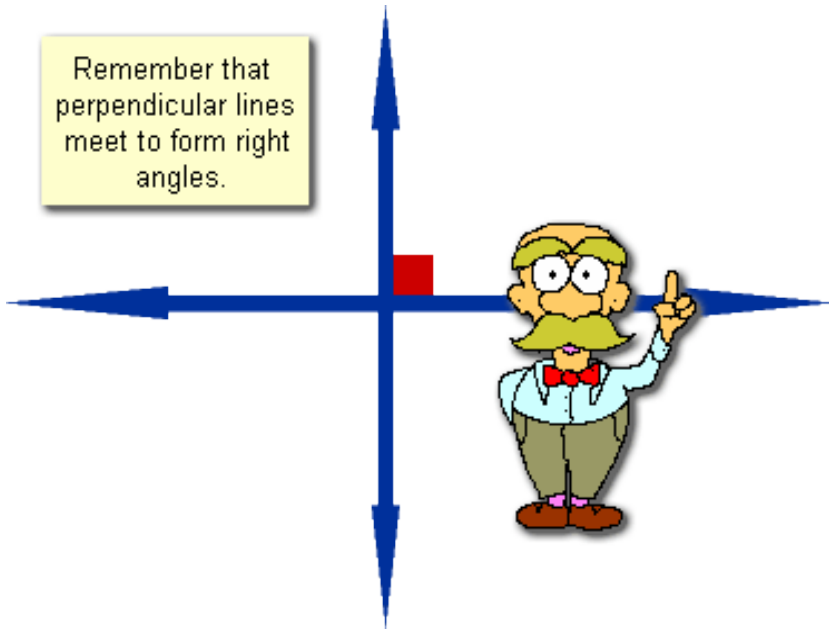


Not Perpendicular



Perpendicular

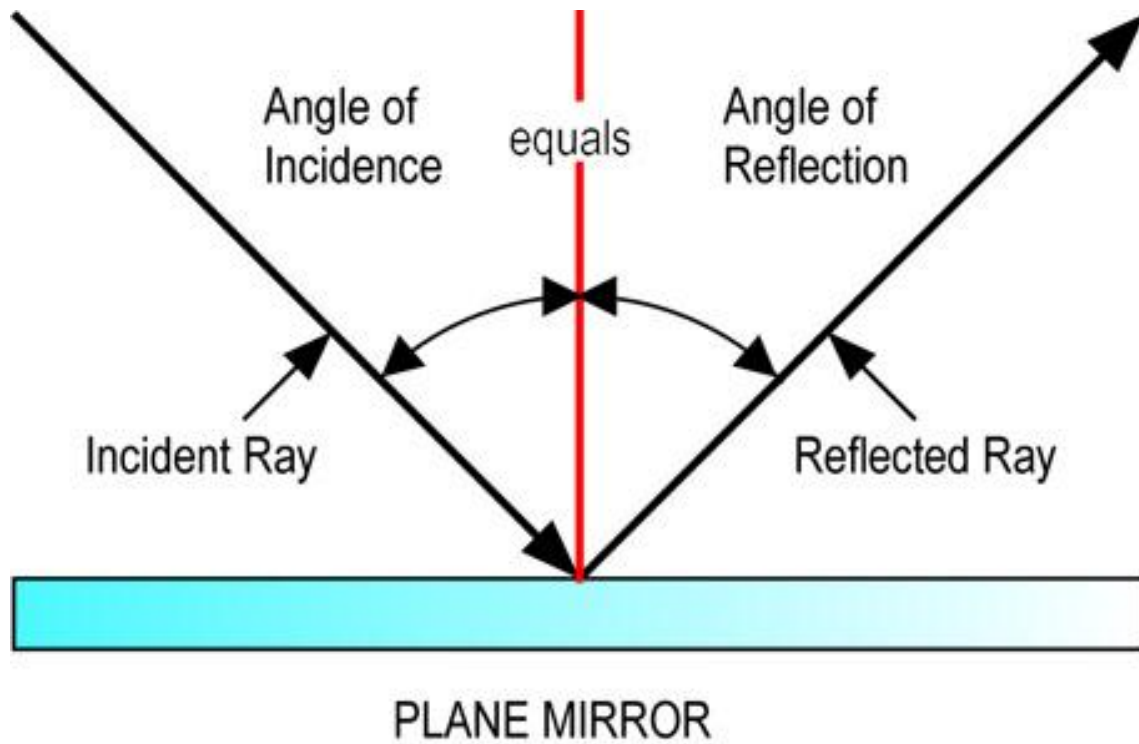
Remember that perpendicular lines meet to form right angles.



Remember that parallel lines never intersect.

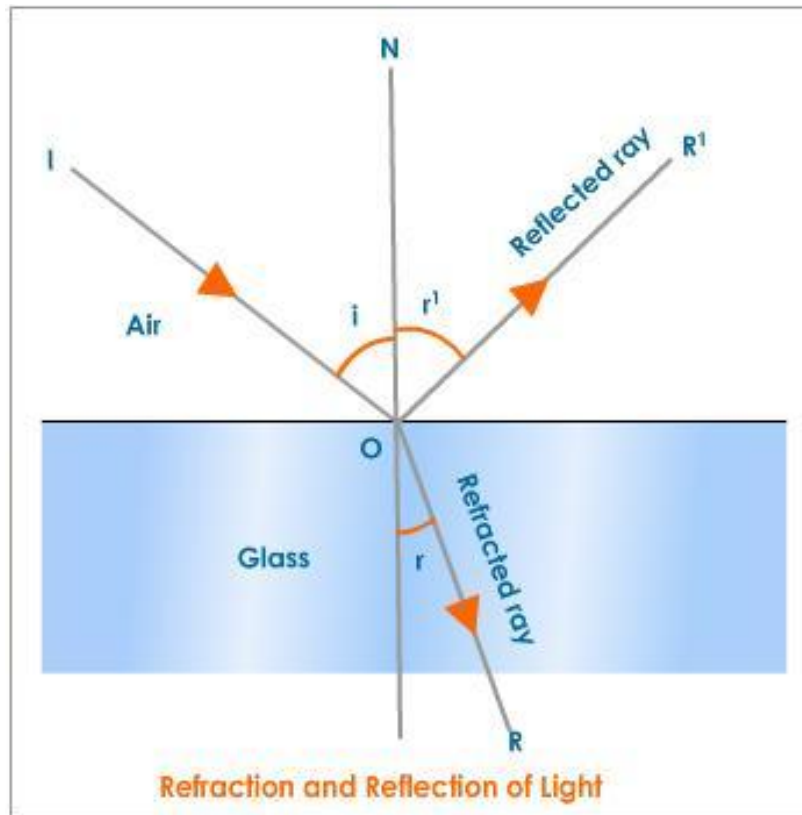
What does “Reflection” mean?

Reflect: To throw back (heat, light, or sound) without absorbing it



Refraction: the change of direction of light due to change in optical medium

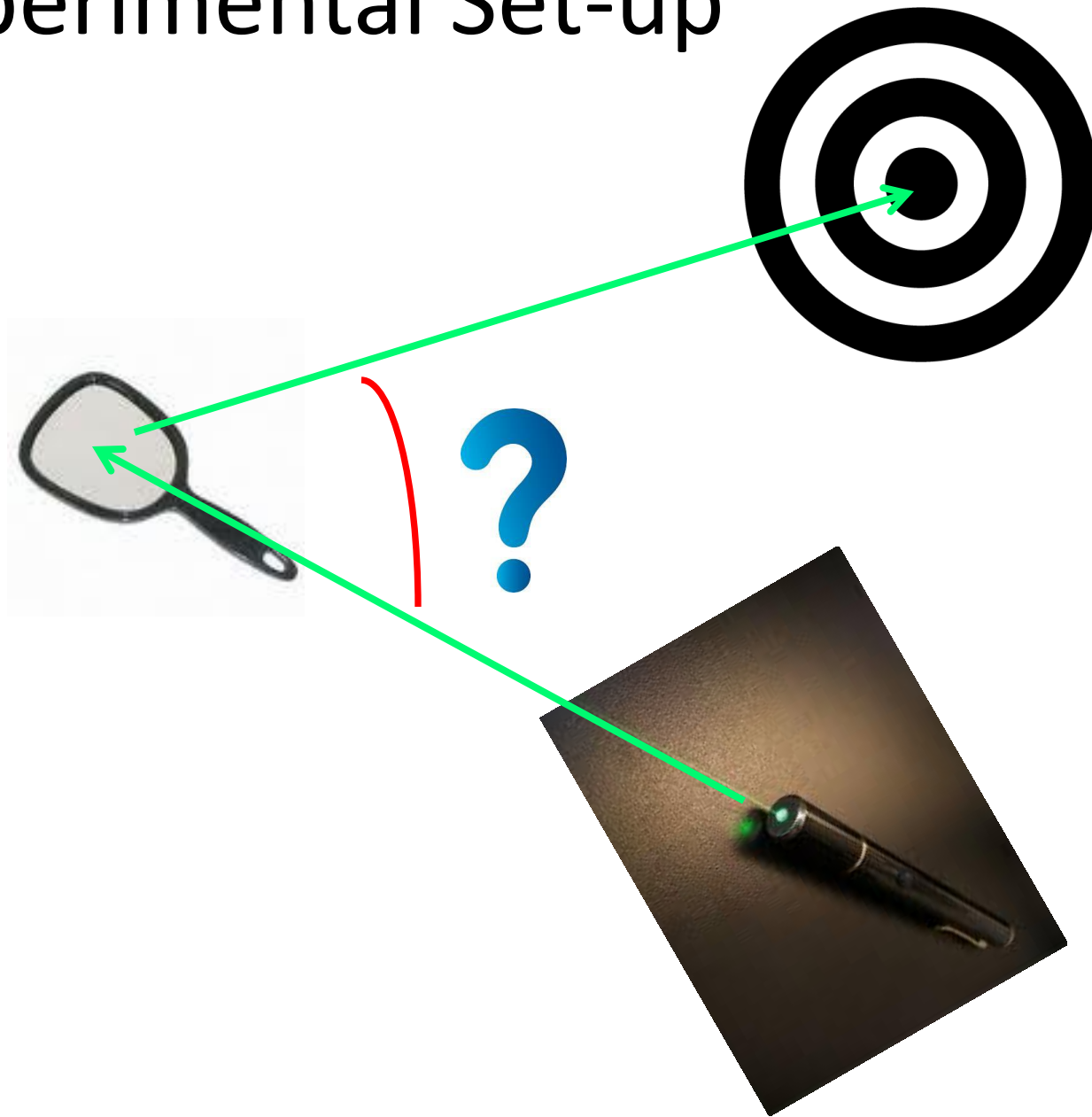




Materials

- Laser Pointer
- Mirror
- Bullseye

Experimental Set-up



Rules

- ***Safety*** **DO NOT** point laser at someone's eye.
- The laser pointer must shine the laser on the mirror and have it reflected onto the bullseye.
- The mirror holder must stay in the same place.