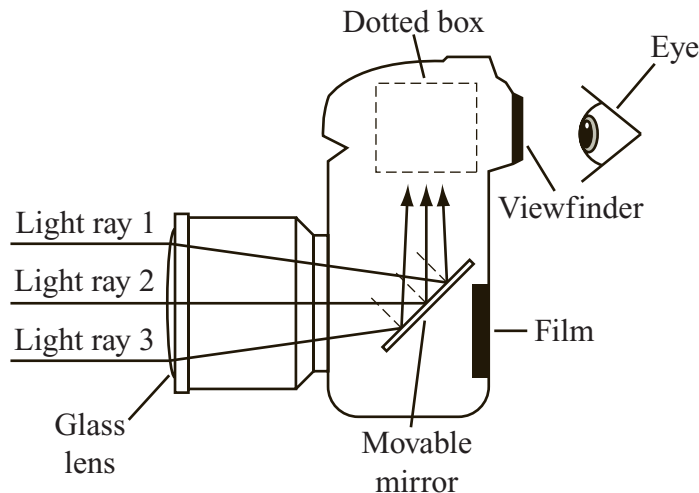


The diagram below is a simplified representation of the inside of a certain type of camera.



- Identify **and** describe the wave behavior as the light rays pass through the glass lens.
- Identify **and** describe the wave behavior as the light rays strike the mirror.
- Copy the dotted box from the camera diagram into your Student Answer Booklet. Draw what must happen inside the box for light ray 2 to strike the viewfinder. Be sure to include the following:
 - either a lens **or** a mirror that is labeled
 - the path of light ray 2
 - a line normal to the surface where light ray 2 strikes