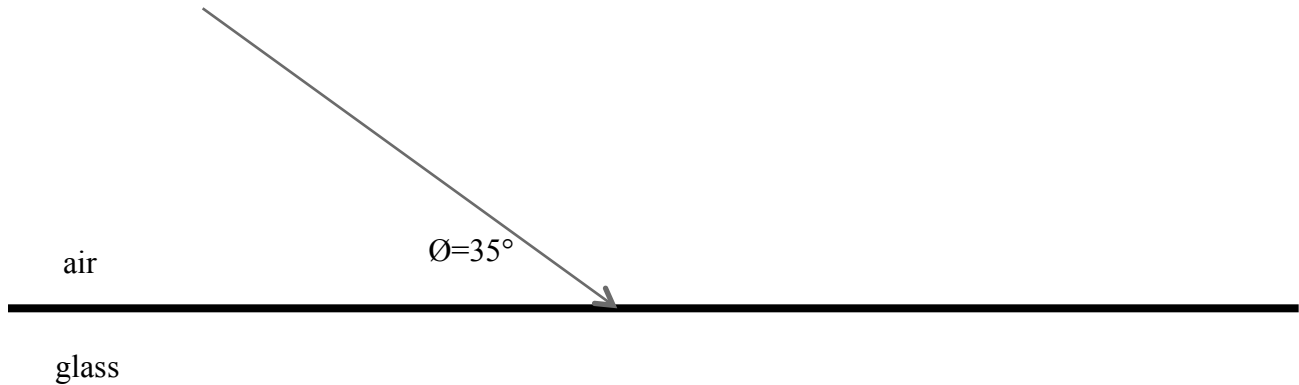


Name \_\_\_\_\_ Period \_\_\_\_\_

Physics Lens Quiz 1

1. Light goes from air ( $v=3.00 \times 10^8$  m/s) into glass ( $v=1.81 \times 10^8$  m/s) as shown. Diagram the reflected and refracted ray. Calculate the reflected and refracted angles.



2. If the wavelength of the light in air is 375 nm, what is the wavelength in the glass?