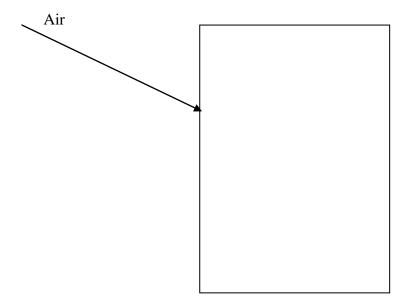
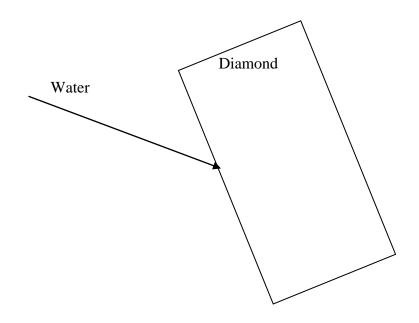
## **Displacement & Deviation Practice**

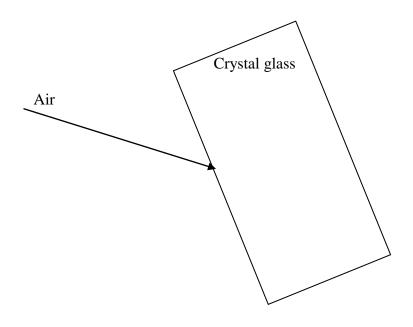
- $\rightarrow$  Use a protractor, ruler, and calculator to trace the path of light.
  - 41. Find the lateral displacement in mm for the rectangular piece of crown glass.



42. Find the lateral displacement in mm for light traveling from water into diamond.



43. Using a protractor, ruler, and calculator, calculate the lateral displacement in mm.



44. Find the lateral displacement in mm for light traveling from water into ruby. (Displacement  $\approx 6.5$  mm)

