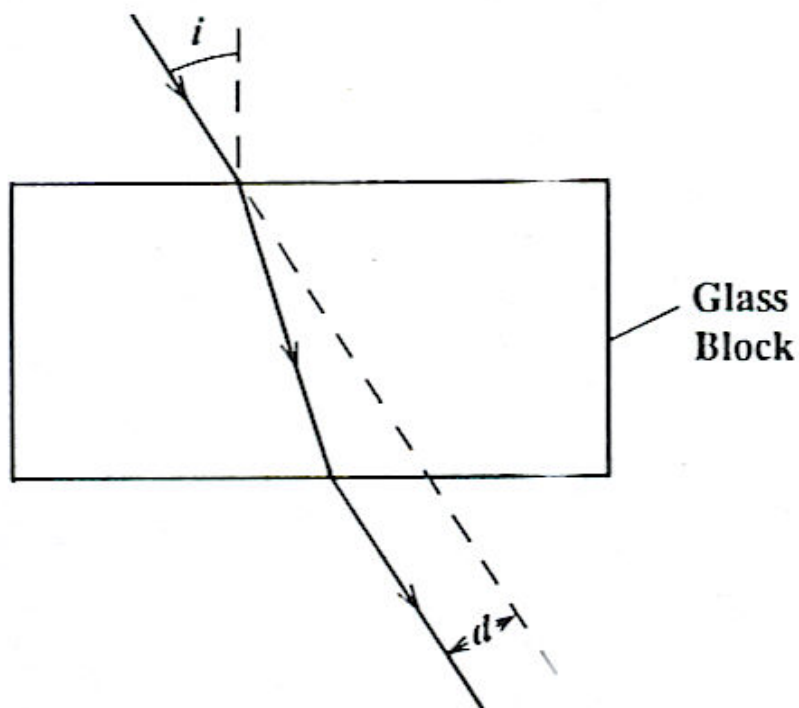


LAB 11: REFRACTION (lateral displacement)

APPARATUS & MATERIAL:

rectangular glass block	paper
optical pins	tape
protractor	wooden board

EXPERIMENT:



The diagram above shows the passage of light through a glass block. A student suggests that the ratio d/i is a constant, where d is the lateral displacement of the ray and i is the angle of incidence.

Investigate whether the student's statement is true using THREE values of i .