

Title ... 7-3....

Names _____

Part A

Purpose:

Summary of procedure (air to water)

Data:

Dish of water table →

Plexiglass table

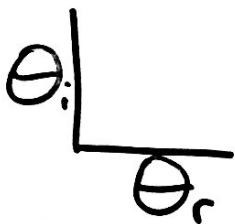
$\sin \theta_i$	0°		...
θ_i	0°	10°	...
θ_r			...
$\sin \theta_r$...

"

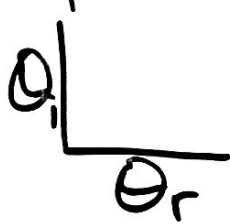
"

Analysis

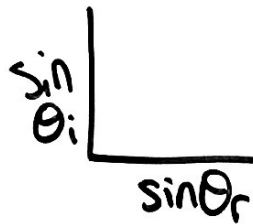
water



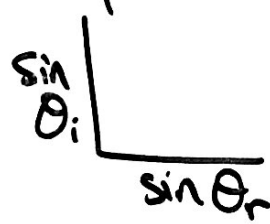
plexi



water



plexi



Concluding Qs #1, 2

$$n = \frac{\sin \theta_i}{\sin \theta_r} = \text{slopes of graphs}$$

Part B



Purpose:

Summary of Procedure

(water to air)

Data:

Critical angles for

water =

plexiglass =