

Name _____

Sec _____

Prelab-PHYS222
Reflection and Refraction

- 1) What is the mathematical or geometrical definition of “normal” (e.g., normal force)?

- 2) What is the law of refraction (i.e., Snell’s Law)? Include a formula and define all terms.

- 3) What is the definition of the index of refraction? Can its value ever be less than one?

- 4) What is the law of reflection? Include a formula and define all terms.

- 5) What is total internal reflection? Under what condition is total internal reflection possible?