In this lab, you will find the index of refraction for each of these substances - ethylene glycol, water, ethyl alcohol, lucite, and crown glass.

**Instructions – Part 1**

1. Find n for each medium.
2. Find % error for
3. Find v for each medium.

**Follow-up Questions**

1. A light ray traveling through 100% EG passes into EA. Angle i is 23.00O. Calculate angle r.
2. Explain why a glass beaker submerged in a container of vegetable oil is virtually invisible.

1.432 EG

**Turn in (1 report per group):**

1. Working diagrams (5 - one for each medium)
2. Calculations
3. Complete answers to the follow-up questions.