

the Title

1. Does light travel faster or slower (compared to vacuum) in materials with a high refractive index?
2. Consider a ray of light that enters a piece of glass from air.
 - 2.a. If the ray is incident on the glass perpendicular to the surface, by what angle will it be bent?
 - 2.b. If the ray is incident on the glass at an angle of 45° to the surface, by what angle will it be bent?
3. What is the speed of light in water?
4. Will the speed of light be faster in:
 - 4.a. glass or water?
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 - 5.a. to show how page breaks work...
 - 5.b. questions should not be split across pages...
 - 5.c. the main question and all parts should appear on the same page.
 - 5.d. so, yea.
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