the Title

1. Does light travel faster or slower (compared to vacuum) in materials with a high refractive index?
Paragraphs can be used to put some text between questions

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?
but they cannot go between parts.

3. What is the speed of light in water?

4. Will the speed of light be faster in:

   4.a. glass or water?

If you need more spacing,
just embed latex spacing commands.

5. These questions are just to fill the page...

   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. Figures 1 and 2 are the same.

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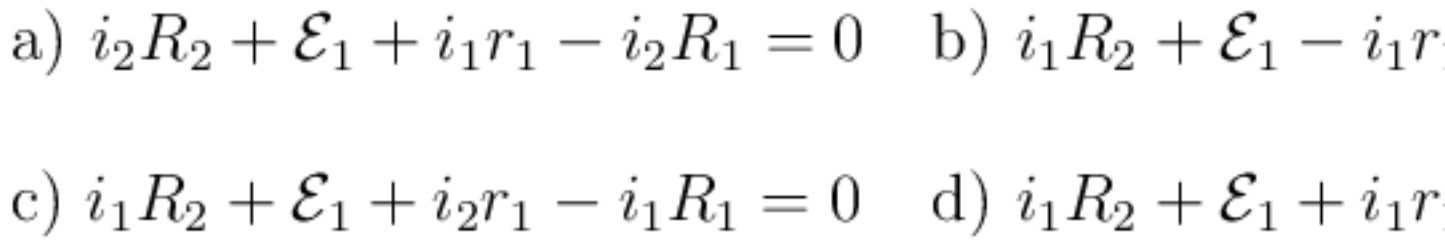

Figure 1: This is an example figure.

a) $i_2R_2 + \mathcal{E}_1 + i_1r_1 - i_2R_1 = 0$ b) $i_1R_2 + \mathcal{E}_1 - i_1r_1 - i_2R_1 = 0$

c) $i_1R_2 + \mathcal{E}_1 + i_2r_1 - i_1R_1 = 0$ d) $i_1R_2 + \mathcal{E}_1 + i_1r_1 - i_2R_1 = 0$

Figure 2: This is another example figure.

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Answers:

3. 299000000.0 meter / second