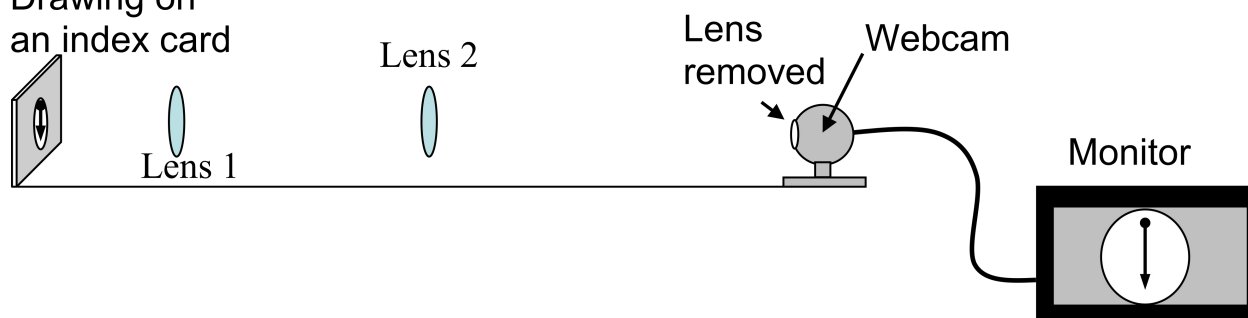


I. Consider the optics set-up shown below. The two lenses are converging lenses and there is a focused picture as shown on the monitor. Look carefully at the diagram before answering the questions! (Assume the webcam software is set to its default so that a single positive lens makes an upright image on the *monitor*.)

A. Where does lens 2 form an image (if anywhere)? How do you know?

Drawing on  
an index card



B. Where does the lens 1 form an image? Between lens 1 and lens 2, between lens 2 and the webcam, between lens 1 and the index card, behind the webcam, or behind the index card? How do you know?