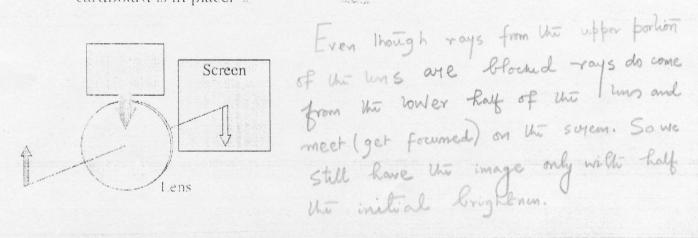
NAME:	Quiz #5a:
	Phys270

- 1. [10 pts] The object and the lens in the diagram below are positioned to form a well-focused, inverted image on a viewing screen. A piece of cardboard is then lowered just in front of the lens to cover the top half of the lens.
 - a. |5 pts|Describe what happens to the image on the screen when the cardboard is in place.



b. [5 pts] Draw a ray diagram depicting the scenario in part (a) (without the cardboard!) with the object distance s, image distance s', and the focal length of the lens f clearly labeled. Make sure to draw the three 'special' rays from the object to the image.

