QUESTIONS TO HAND IN – EXPERIMENT 13

NAME_____

LAB INSTRUCTOR_____**LAB DAY/TIME**_____

1. Explain how you would be able to tell the difference between a converging and a diverging lens.

2. What does the term *focal length* mean?

3. What is the difference between a *real* and a *virtual* image?

4. A simple magnifying glass is a common example of how we use converging lenses in an everyday application. Is the image real or virtual with a simple magnifier?

5. If an object is initially placed at a distance where the image is equal to it in size, what is the object distance d_o in terms of the focal length f?