

Name_____

Lab sec_____

Prelab-PHYS222
Thin Lenses

1. What is the objective of this lab?
2. Explain the relationship $\frac{1}{f} = \frac{1}{o} + \frac{1}{i}$. Be sure and define the terms.
3. What is the definition of a 'real' image?
4. What is the definition of a 'virtual' image?
5. What three methods will be used to calculate the focal length of a converging lens. Which method is the simplest to do and why? See step 2.