

Physics 391  
Lesson 10 Preflight

1. What is geometric optics? In your answer you should consider when geometric optics is a good approximation and describe the behavior of light neglected in geometric optics.
2. What are conjugate points?
3. What are paraxial rays?
4. Where in section 5.2 is the paraxial approximation used and how does it make things simpler? Note: the approximation is used more than once.
5. Define "focal length" for both converging and diverging lenses.
6. What is the difference between real and virtual images?