

Lecture 23

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Read pages 1115 – 1122 in the textbook (Serway 9th edition) and do the following:
 - 1) Quick Quiz: 36.8
 - 2) Book Problem (p. 1129): 59 and 60

Goals for the Lecture:

- 1) Understand the eye, including near point, far point, diopters, power of a lens, etc
- 2) Understand angular magnification
- 3) Understand two lens combinations in telescopes, including refracting and reflecting telescopes

Post-Lecture Study Guide (I do not collect this):

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas. Review the pre-lecture questions to make sure you understand them.

Do problems:

Ch 36: Problems: 62, 68

Continue with the additional recommended study problems from chapter 36