

## Lecture 20

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

- Read pages 1090 – 1099 in the textbook (Serway 9<sup>th</sup> edition) and do the following:
  - 1) Quick Quiz: 36.1 – 36.3
  - 2) Book Objective Questions (p. 1123): 2, 6, 13, and 14

### Goals for the Lecture:

- 1) Understand image formation from flat mirrors, including magnification
- 2) Understand image formation by spherical mirrors, including the mirror equation, focal length, and magnification

### 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: Concept Questions: 3

Ch 36: Problems: 1, 9, and 11

Continue with the additional recommended study problems from chapter 36