

## Lecture 20

### Pre-Lecture Preparation:

- Read pages 346 – 358
- Do the Conceptual Questions (p. 380): 5 and 9
- Do Problems and Exercises (p. 384) 7 and 14

### Goals for the Lecture:

- 1) Understand how to use energy with a rolling object
- 2) Be able to use energy to solve problems that include rotational motion

### Post-Lecture Study Guide:

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas

Do problems:

Ch 10: Conceptual Questions: 6

Ch 10: Problems and Exercises: 15

Continue with the additional recommended study problems from chapter 10