Chapter 10 Study Guide

Prior to lecture:

1. For review read chapter 6 section 1. Complete problems 2 and 4 on page 221.
2. Read Ch. 10 in the textbook
3. On a sheet of paper, work through example 10.1 on page 323.
4. On a sheet of paper, complete the "Take-Home Experiments" on pages 325. Answer all questions.
5. Read the "Problem-Solving Strategies for Rotational Kinematics" on pages 327. Rewrite the procedure in your own words.
6. Complete the "Check your Understanding" problems on pages 330, 333, 345, and 348.
7. Answer conceptual questions 1, 3, 7, 11, and 14 on pages 352 and 353 of the text.
8. Define the following terms:
    a. Angular momentum
    b. Inertia
    c. Moment of inertia
    d. Rotational inertia
    e. Rotational kinetic energy

After lecture:

1. Review notes from lecture
2. Redo all example problems from lecture
3. Reread text
4. Work through examples 10.2, 10.3, 10.5, 10.7, 10.11, 10.12, and 10.15 in the text.
5. Redo all recitation worksheet problems
6. Answer conceptual questions 2, 5, 8, 12, 15, 22, 23, and 24 on pages 352-354 of the text.
7. Complete homework for chapter 10
8. For extra practice, try the following problems from chapter 10 of the textbook: 2, 5, 8, 11, 13, 22, 23, 27, 30, 39, 41, 45, 46, 48