## Physics 23 Problem Set 6

Harry Nelson

Due Monday, October 31

Please make your work neat, clear, and easy to follow. It is hard to grade sloppy work accurately. Generally, make a clear diagram, and label quantities. Derive symbolic answers, and then plug in numbers after a symbolic answer is available.

- 1. Purcell 1.14.
- 2. Purcell 1.17.
- 3. Purcell 1.21.