Problem Set 7

**Due:**  Wednesday, October 28, at the beginning of class.

**Reminders:**  Please give your reasoning to receive full credit on the questions that ask you to select from a set of possible responses.

The answers in the back of the book are not always correct!

1. Tipler, 27.2
2. Tipler, 27.9
3. Tipler, 27.12
4. Tipler, 27.32
   - Be sure to take advantage of the symmetries of this problem, even if you can’t use Ampère’s law.
5. Tipler, 27.46
6. Tipler, 27.49
7. Tipler, 27.81