Quick Quiz (pg. 15) Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Schematic of a circuit using (3) lamps powered by a battery:

2. Schematic of lamps and switches are wired in a room in your house.

Chapter 1 Practice Problems

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Draw the schematic for circuits A B C and D. Three of the circuits are the same, with the parts arranged slightly different. Which one is a completely different circuit? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. B.
5. D.
6. Draw the schematics for circuits A B C and D. Which one of these is a “short circuit”?
7. B.

C. D.