

Name\_\_\_\_\_ Date\_\_\_\_\_

### Section 11.1 Practical Circuits

- 1) Define *Series Circuit*.
- 2) What could you compare a series circuit to?
- 3) How are the electrons different from the cars on a racetrack?
- 4) Define *Parallel Circuit*.
- 5) What could you compare a parallel circuit to?
- 6) Where do all the charges return to?
- 7) Draw the diagrams, equations and explanations (your own words) on page 358 (Stretch Your Mind).

8) Make a circuit diagram of a series circuit consisting of three light bulbs, a switch, and a battery.

9) Make a circuit diagram starting with a battery and a switch. Then, add three light bulbs in parallel with each other.