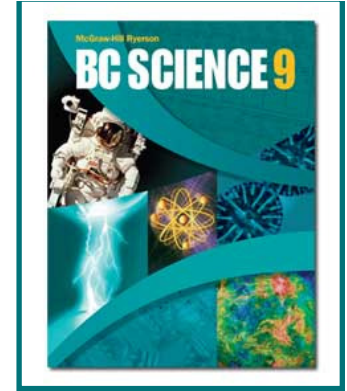


These notes are posted on my site for the following reasons:

- **for students to copy in their own hand-writing**
 - **in order to complete their class notes**
 - **if student did not have enough time in class**
 - **if student was away and missed this section**
- **for assistants and tutors to follow progress of the concepts taught**

Photocopied/printed notes can not be used during the Unit Notebook Check in class.

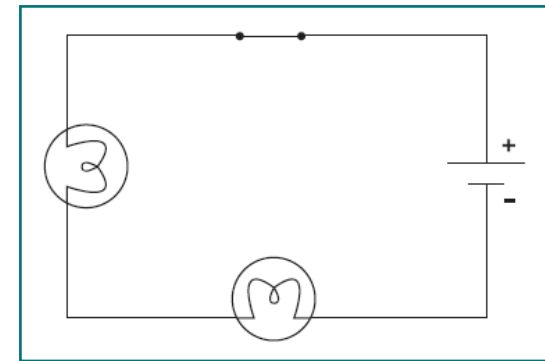
ndupuis@sd61.bc.ca dupuis.shawbiz.ca



9.1 Series and Parallel Circuits

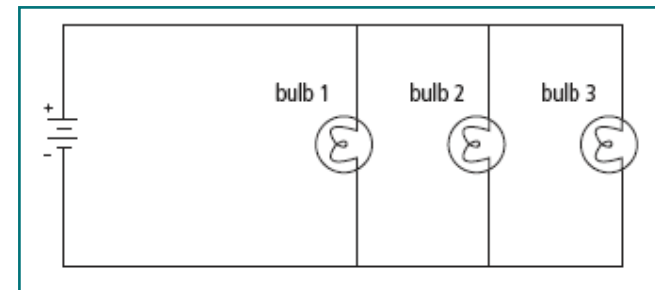
Series Circuits

- There is only a single pathway for current to flow
- The sum of the voltages lost on the loads equals the total voltage supplied by the battery
- Current measured anywhere in the series circuit will be the same



Parallel Circuits

- Multiple pathways for current to flow, adding more pathways lowers resistance
- Voltage remains the same through each pathway of the parallel circuit
- Current splits up between the different current pathways



[Take the Section 9.1 Quiz](#)

See pages 306 - 313