

## Current Electricity Test – February 3, 2012

### Vocabulary

circuit  
closed circuit  
conductor  
electric current  
insulator  
open circuit  
parallel circuit  
resistor  
series circuit

Draw diagrams of a parallel circuit and a series circuit with at least three light bulbs. Illustrate and label with a power source, wires, bulbs, switch, and flow (or no flow) of current in wires.

Study circuit drawings and determine if they are a parallel circuit or a series circuit. Explain why the bulbs light or don't light.