

# Circuit Diagram

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Read the specifications and draw circuits.

- 1) Draw a circuit that has a cell, an open switch, and one light bulb connected in a series.
  
  
  
  
  
  
  
  
  
  
- 2) Draw a circuit that has a battery, a closed switch, and a resistor connected in a series.
  
  
  
  
  
  
  
  
  
  
- 3) Draw a circuit that has a cell and a closed switch on the main path, a light bulb on the first branch, and a resistor on the second branch connected in parallel.
  
  
  
  
  
  
  
  
  
  
- 4) Draw a circuit that has a cell, a closed switch, and two bulbs connected in a series.