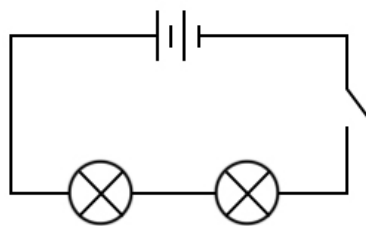


Circuit diagrams



a) Make the circuit drawn above using 2 batteries, 2 lamps, wires, and a switch. Then test it to make sure that:

- both the lamps glow when the switch is closed, and
- that if one lamp is unscrewed the other lamp will go out.

b) Now make another circuit so that if one lamp is unscrewed, the other lamp will not go out. Draw a diagram, using circuit symbols, in the box below showing what you did. Label each part.