Attract or Repel?

Describe what will happen in each diagram.
Series Circuit

A series circuit is one in which the components are arranged end to end to form a single path for current. Use the following items and draw a series circuit in the box. Label the parts.

light bulb A
wire
light bulb B
switch
light bulb C
battery

Answer the questions about a series circuit.

1. If Bulb A burns out, will Bulb C still light? Explain.

2. What happens if the switch is open?

   What happens if it is closed?

3. What would happen if another battery is added to the circuit?

4. Is the wiring in your house a series circuit? How can you tell?

5. Give an example of something that has a series circuit, and tell how you know.