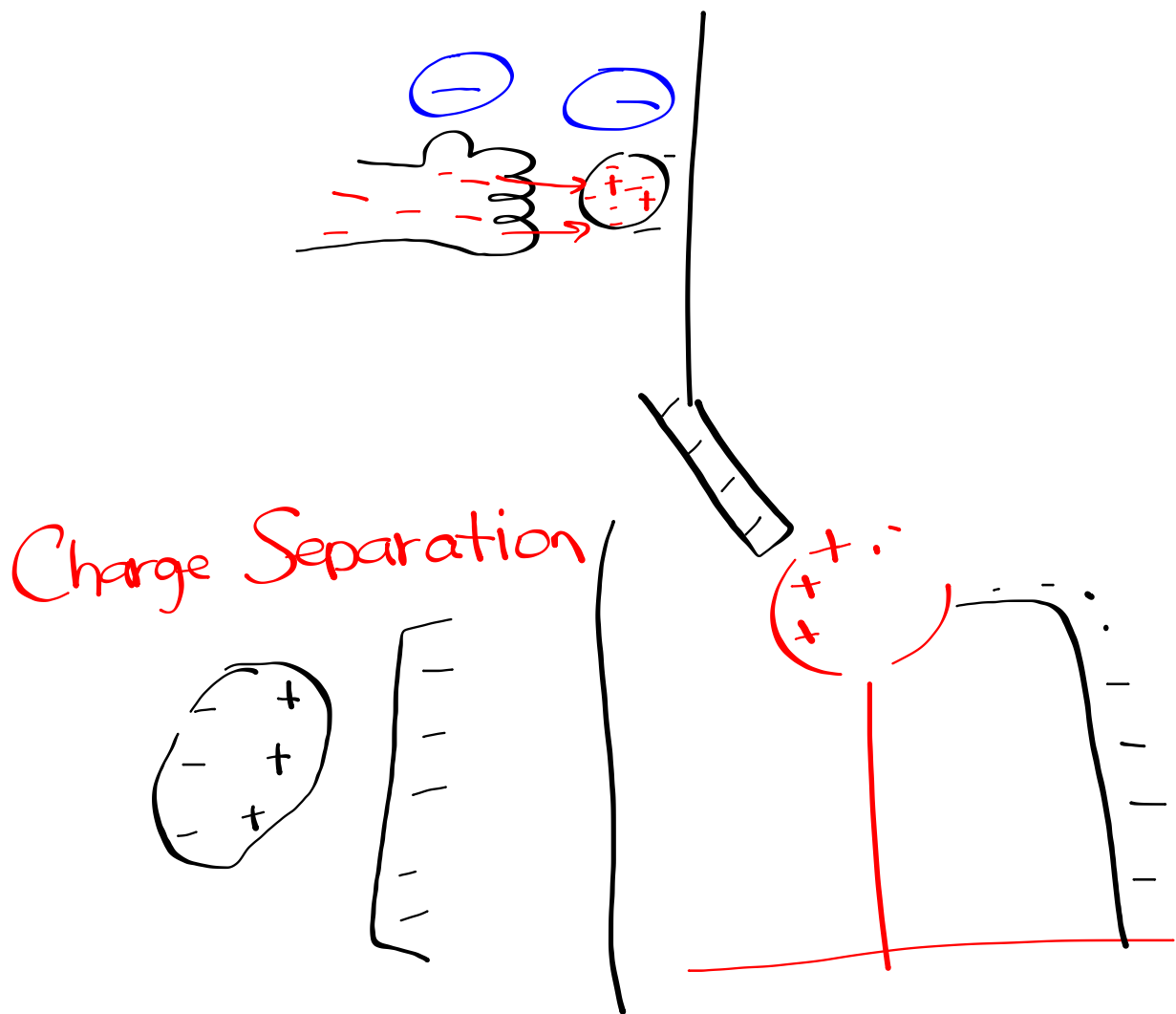


# Homework



# Electric Current

(electrons)

- The flow or movement of electric charges (positive and negative) from one place to another is called **electric current**.



- Electric current flows through a controlled path called an **electric circuit**. Electric circuits are used to convert electrical energy into the other forms of energy.



Ex. a light bulb

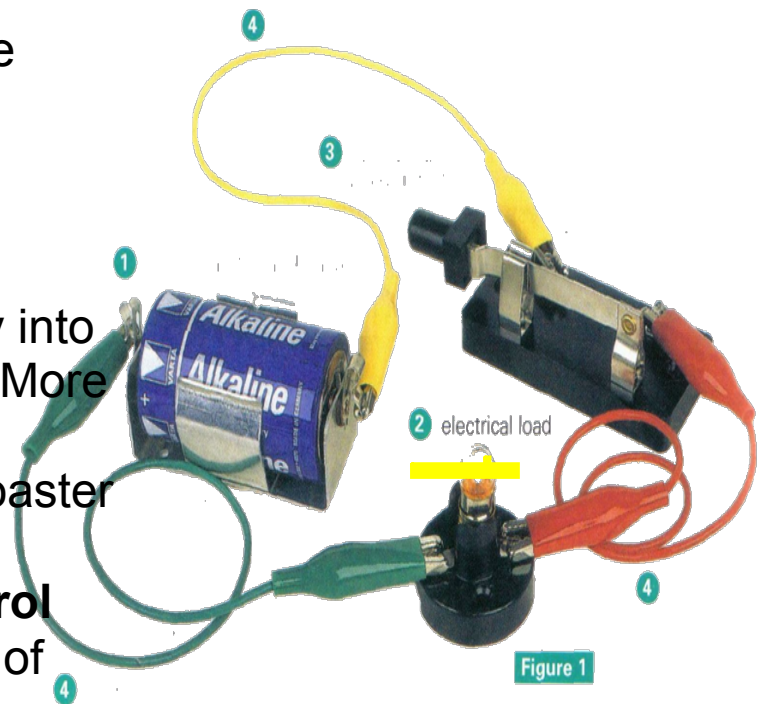
## The Parts of an Electric Circuit

**1) Source of Electrical Energy:** a way to produce electrical energy.  
Ex. battery, cells

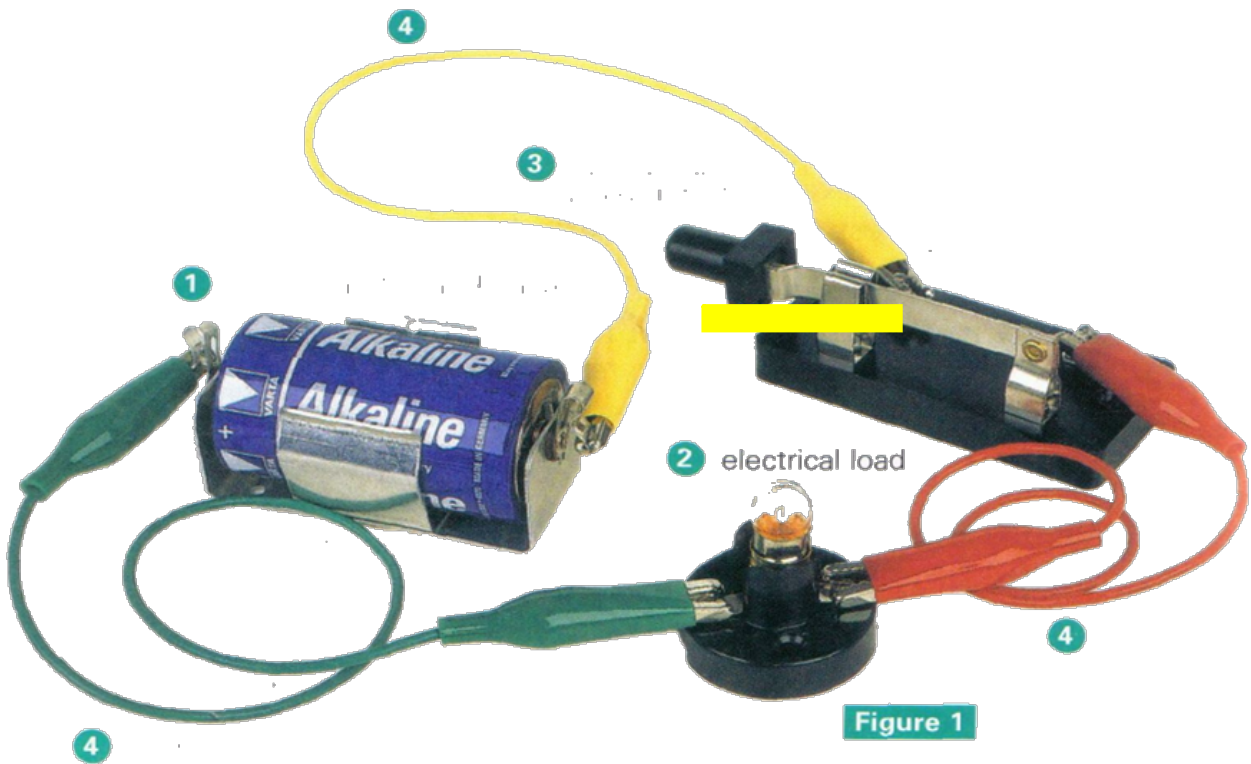
**2) Electrical Load:** what converts electrical energy into whatever form we need. More simply, whatever we are running at the time. Ex. toaster

**3) Electric Circuit Control Device:** controls the flow of electricity. Ex. light switch, thermostat

**4) Connectors:** the conducting wires (what the charges move through).



Each circuit has at least 4 parts.  
Sketch from page 300 a complete circuit and label each part.



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## Attachments

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Chp 9 senteo quiz.notebook