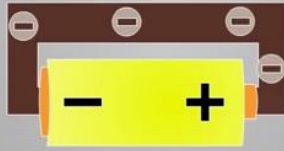
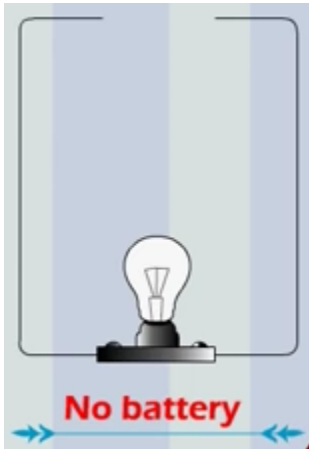


# Electric Current



Flow of electrons from negative to positive is called current



For current to flow , we need something to make it flow like a cell or battery.



We need a complete path i.e. complete circuit for electricity to flow

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We need a complete path i.e. complete circuit for electricity to flow



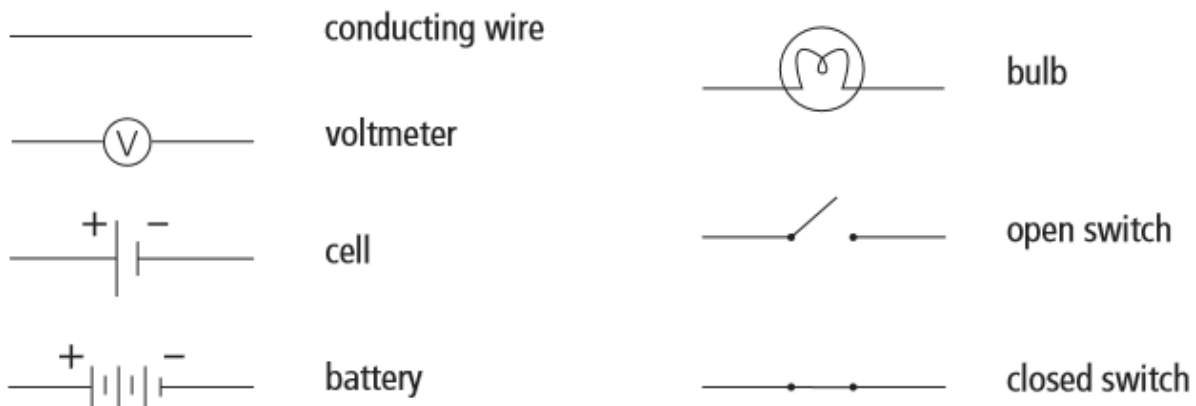
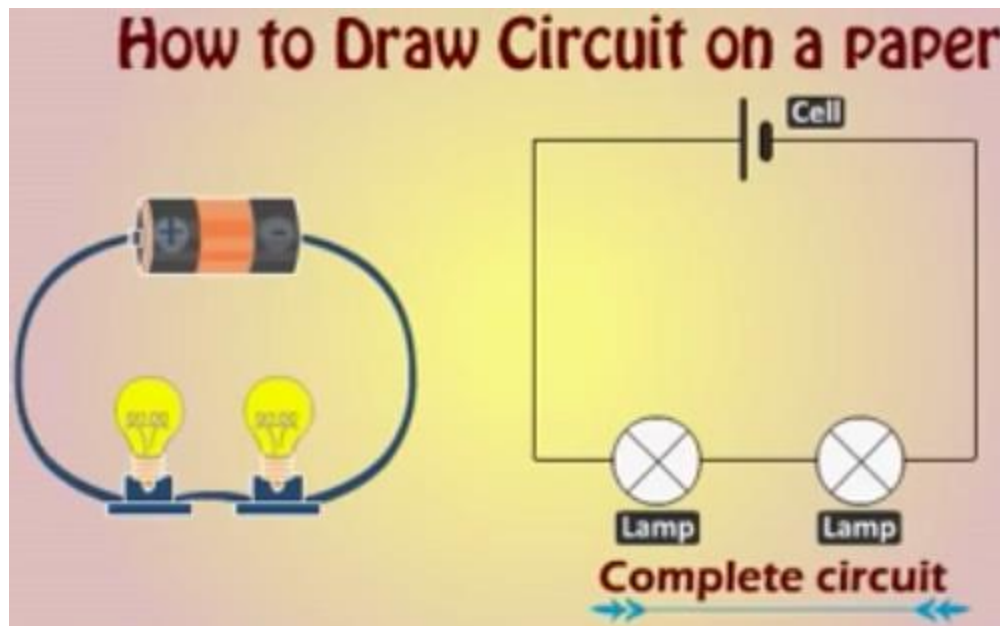
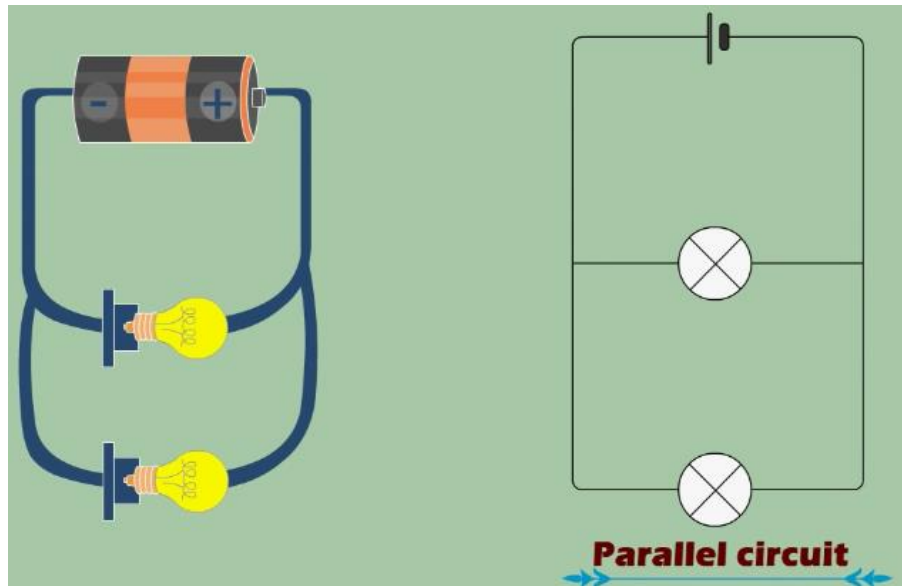


Figure 8.10 Circuit symbols help simplify complex circuits.

## Benefits of Series Circuit

1. It uses less amount of wires.
2. If you want a warning that one of the components in the circuit has failed than a series circuit is used.



## Benefits of Parallel Circuit

Parallel circuits are useful if you want everything to work, even if one component has failed.