

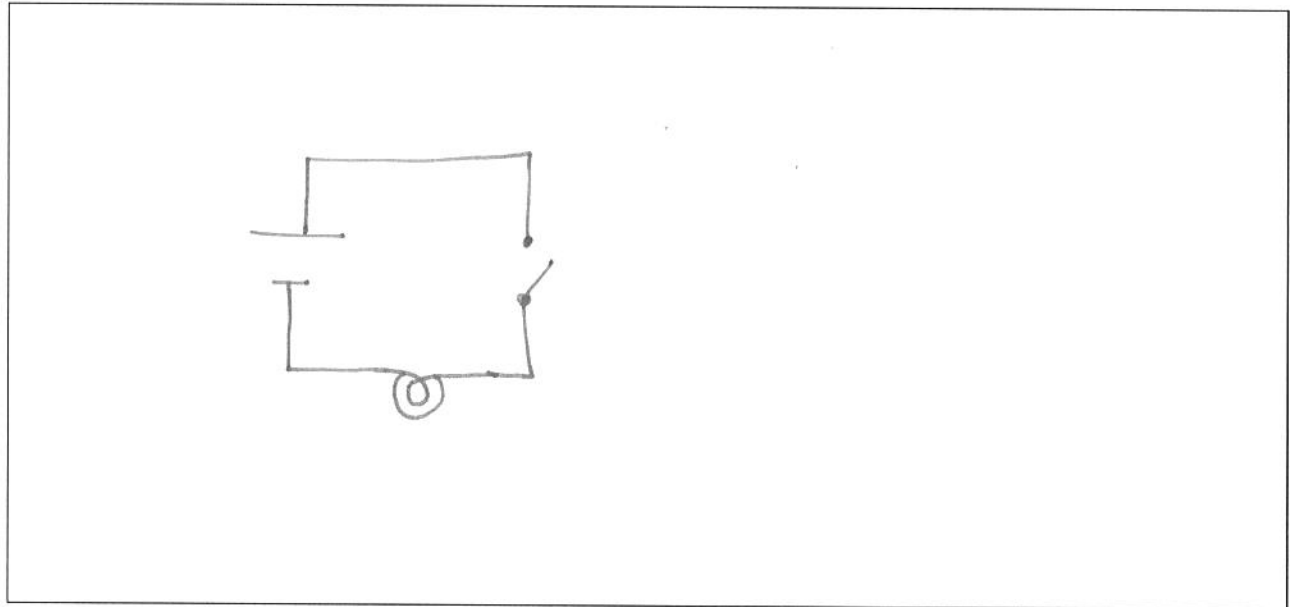
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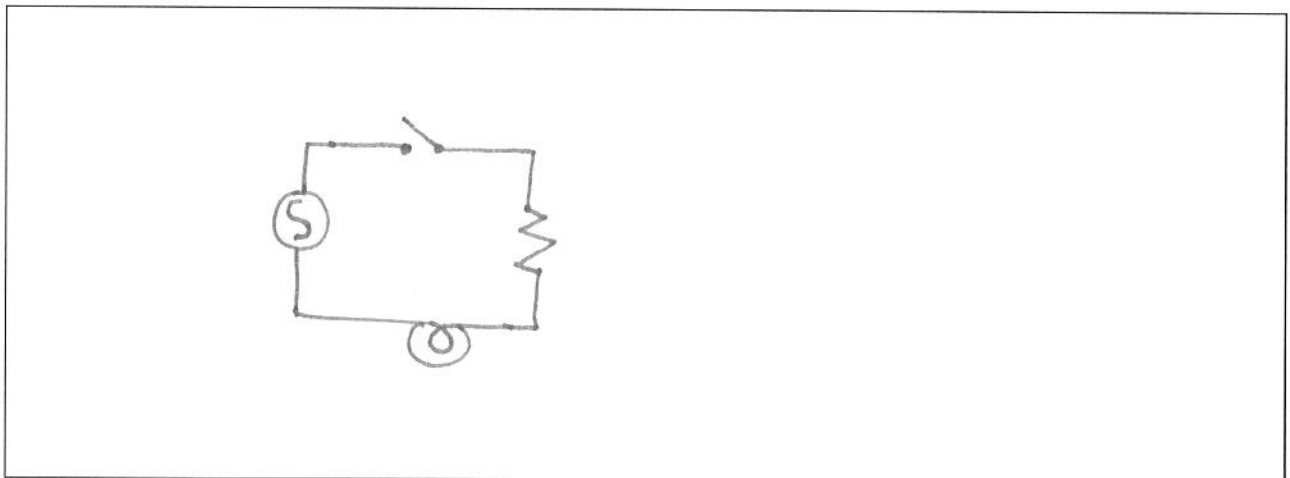
Drawing Electric Circuits

For each of the scenarios below, draw a circuit containing the elements required:

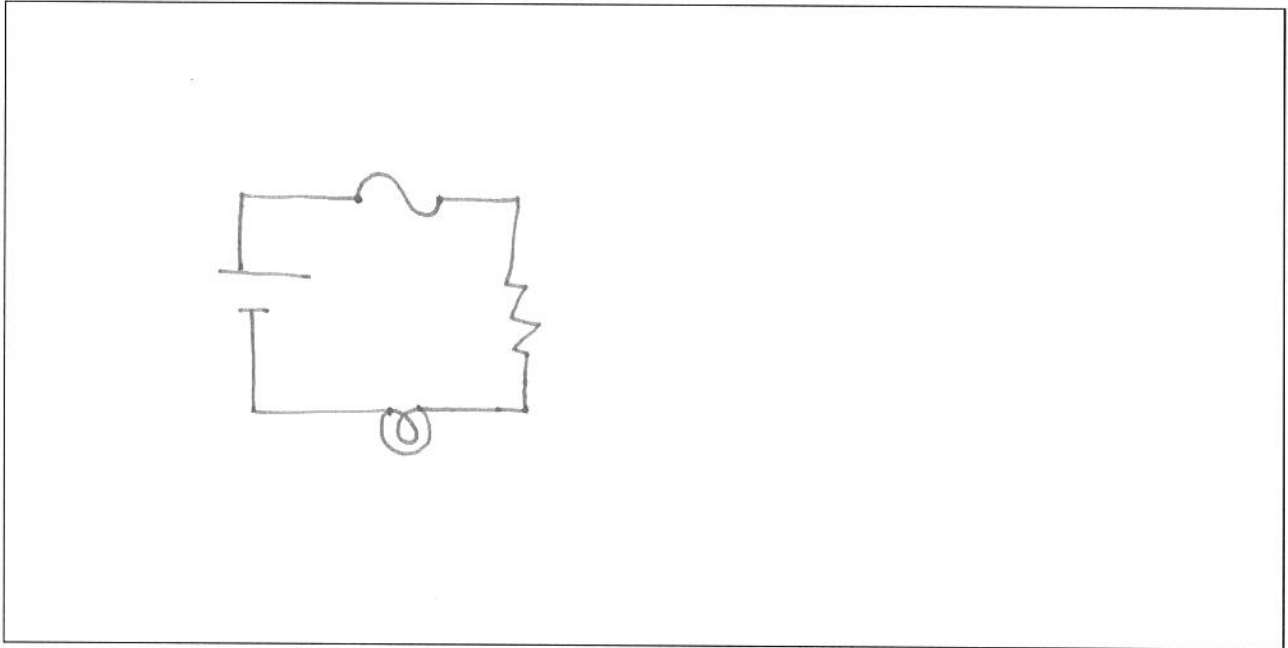
- a) A battery, a light bulb, a switch, and connecting wires.



- b) A socket/outlet, a light bulb, a resistor, a switch, and connecting wires.



c) A breaker, a resistor, a light bulb, a battery and connecting wires.



What is the difference between dynamic electricity and static electricity?

Your answer should include the words: insulated charges and conductors.

Dynamic - free flowing electrons in a circuit. Circuit wires and elements are conductors of electricity.

Static - involves insulated charges (charges at rest), they cannot move through the charged object.