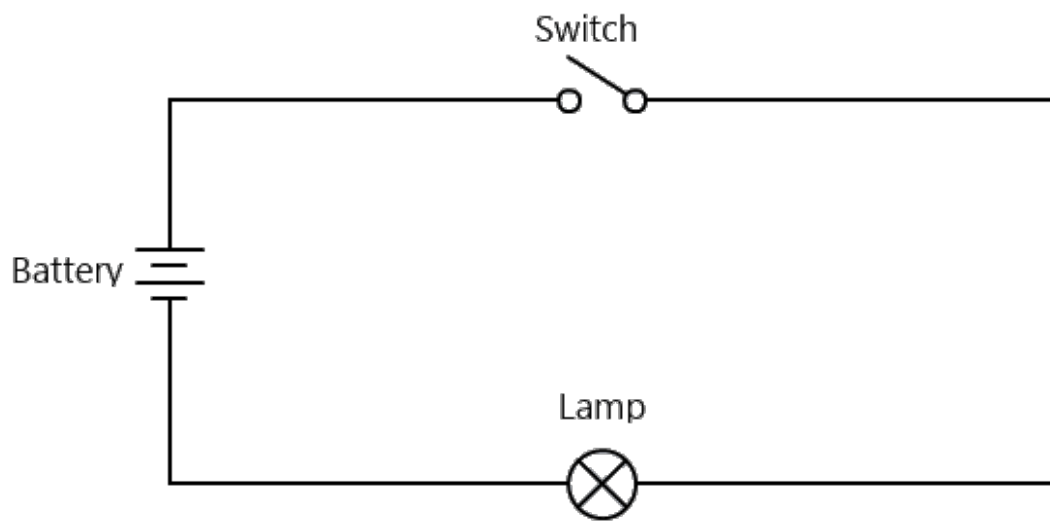


LO: To use recognised symbols to draw a diagram of a simple circuit.

Below are cards that have instructions to draw simple circuits. Use a pencil and ruler to draw the diagram on to some paper. Use the symbol sheet to help you.

Next to each diagram, write a sentence explaining whether you think the circuit would work or not. If you think it wouldn't work, explain why!

Here is an example to help you:



This circuit would work; however, in order for the bulb to be lit the switch would have to be closed.

Draw a circuit that includes:

- a cell
- 1 bulb
- a closed switch
- wires

Draw a circuit that includes:

- a cell
- 1 motor
- 1 buzzer
- wires

Draw a circuit that includes:

- a battery
- an ammeter
- a closed switch
- wires

Draw a circuit that includes:

- a voltmeter
- a buzzer
- 2 motors
- a closed switch
- wires

Draw a circuit that includes:

- a cell
- an open switch
- a bulb
- a closed switch
- wires