



Year 2 Science
(Week 37)
Worksheet – Simple Circuits

Name: _____

Class: Year 2 A B C D Date: _____

- I. Match the **symbols** to their correct **picture** and **labels** by drawing lines from each sides of the symbol.

picture



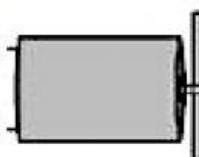
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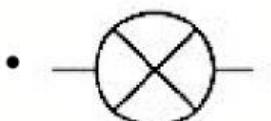


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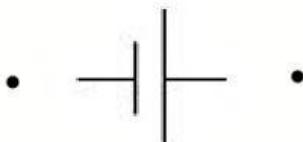
symbols



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labels

• 2 cells

• closed switch (ON)

• a cell

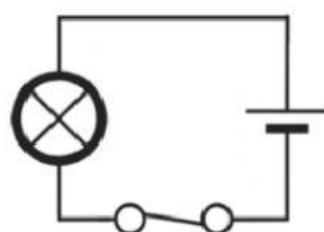
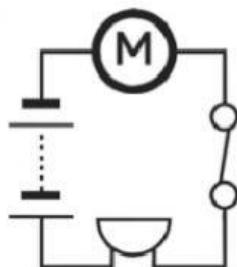
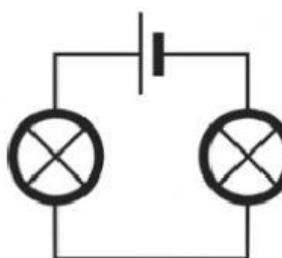
• open switch (OFF)

• bulb

• buzzer

• motor

2. Complete the table by drawing the circuit diagram according to their components.

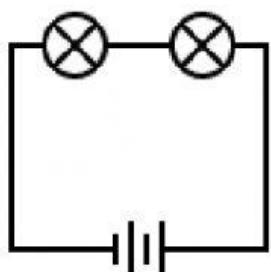
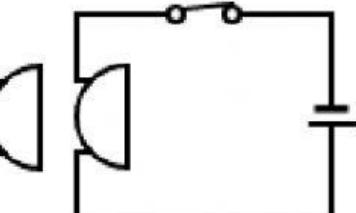
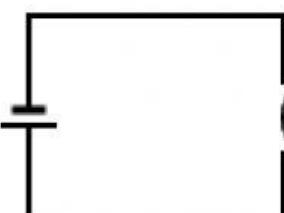
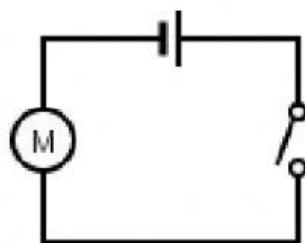


Circuit diagram	List of components
	<ul style="list-style-type: none">• a cell• a bulb• closed switch• wires
	<ul style="list-style-type: none">• a cell• 2 bulbs• wires
	<ul style="list-style-type: none">• 2 cells• buzzer• closed switch• motor• wires

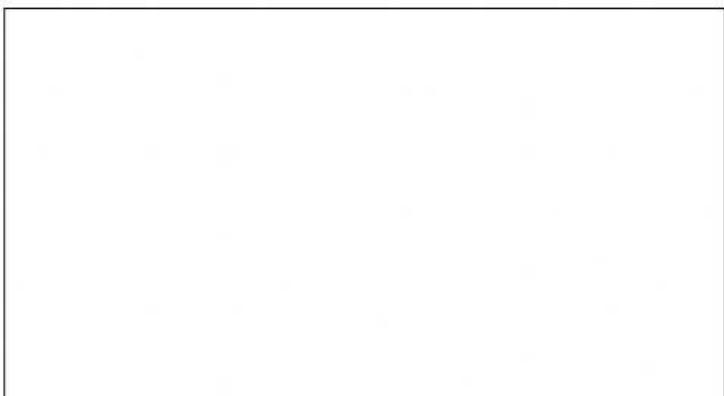
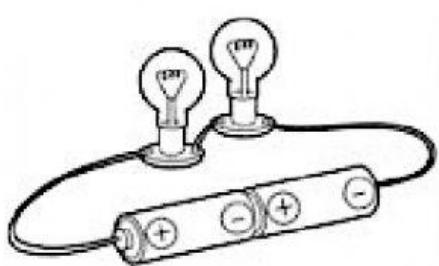
3. List the components you see in each of the circuit diagrams below.

<p>A circuit diagram showing a single horizontal line with a closed switch at the top. Two vertical lines branch off from the main line to the left and right, each ending in a bulb symbol.</p>	• • •
<p>A circuit diagram showing a single horizontal line with a closed switch at the top. A motor symbol is connected in series with a bulb symbol. The line then splits into two branches: one going up to a cell symbol, and another going down to a bulb symbol.</p>	• • • •
<p>A circuit diagram showing a single horizontal line with a closed switch at the top. A bulb symbol is connected in series with a cell symbol. The line then splits into two branches: one going up to a cell symbol, and another going down to a bulb symbol.</p>	• • • •

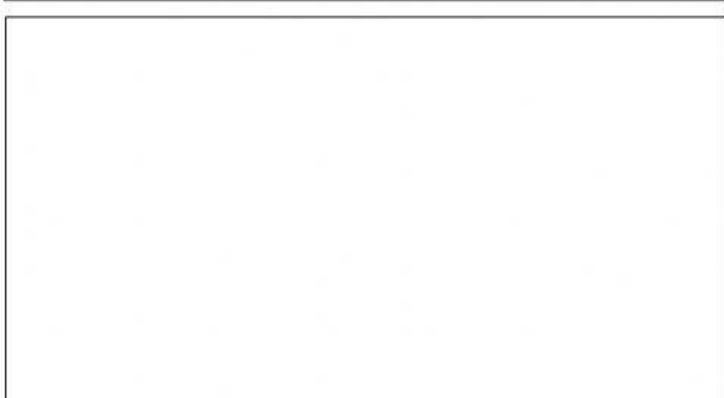
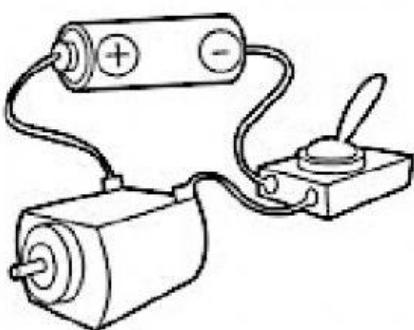
4. Study the picture of the circuits below and draw the circuit diagram in the space provided.



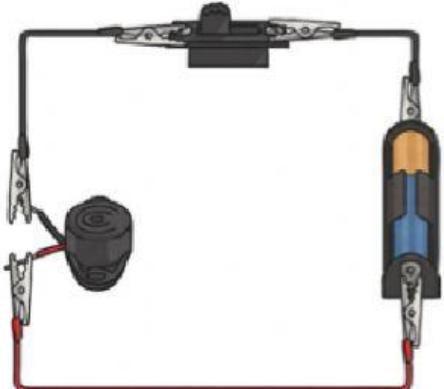
a)



b)



c)



d)

