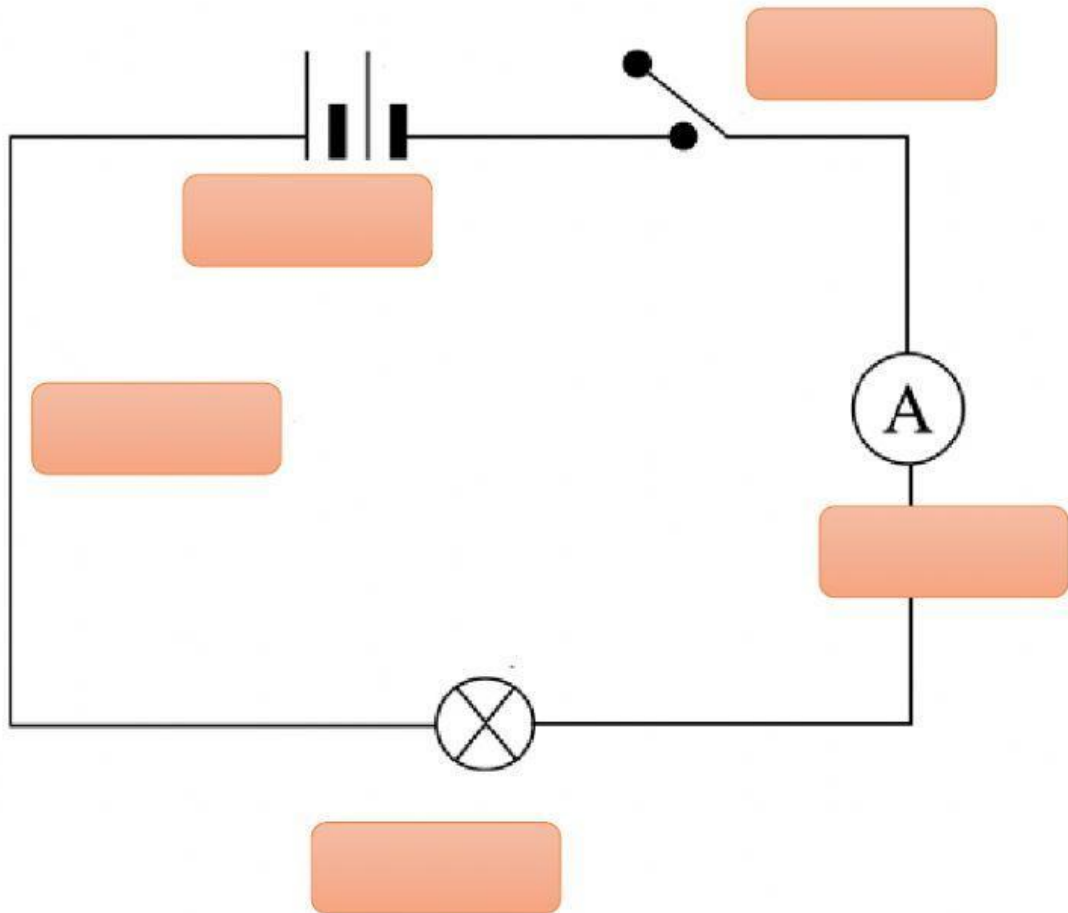


ELECTRICAL DEVICE

A. Label and Drag the correct electrical components.



WIRE	LAMP	AMMETER
SWITCH		CELL

B. Match the function to the correct electrical components.

Buzzer	Starts/stops the flow of current in circuit
Switch	Provides energy to make current flow
Ammeter	Measures the current flow
Wire	Makes a buzzing sound
Lamp	Connect one to other components
Cell	Gives out light

C. Complete the missing word.

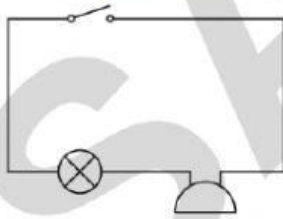
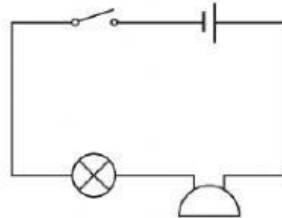
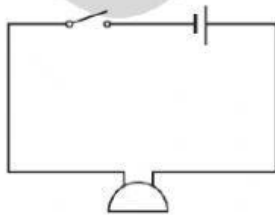
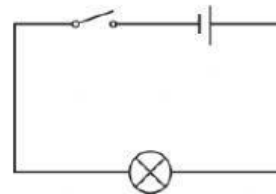
An **electric circuit** is a set of electrical components that are connected together in a loop with a power source, which allows **current** to flow through them. All circuits have some basic parts, called components. One component is the power source, also called a **cell**. The power source is what pushes the electricity through the circuit. Next, circuits need connectors is called **wires**. Current flows in the circuit depend on the **switch**, when it is **on**, then the circuit is **closed** and current flow. When it is **off**, then the circuit is **opened** and there is no current flows.

There are some others components such as lamp, buzzer and ammeter. Lamp and buzzer used based on the needs of circuit. When we want to make a door bell circuit then we can use **buzzer**. When we need to produce light, then we can use **lamp**. The device is used to measure current flows in circuit is **ammeter**. It is connected in **series** into circuit.

D. Choose the correct diagram.

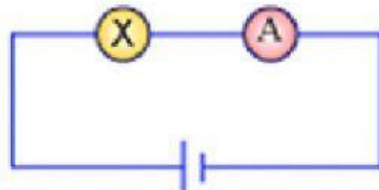
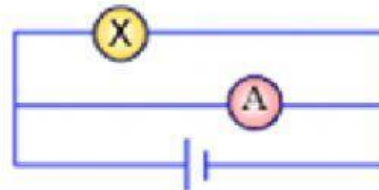
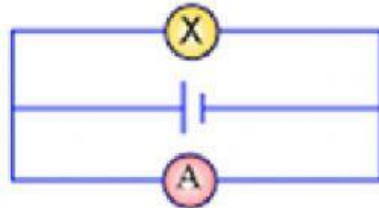
Which of these circuits will give light and sound a buzzer when the switch is closed?

Tick (✓) one box.


☐

☐

☐

☐

Which of these circuit that has a correct connection of ammeter ?

Thick (✓) on box

☐

☐

☐

☐
