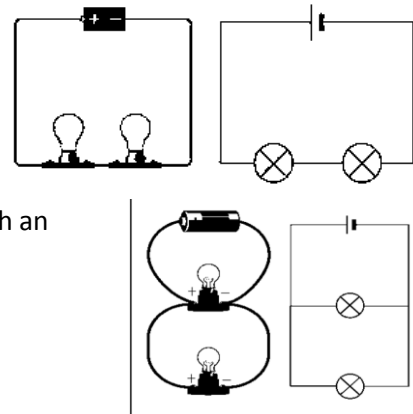




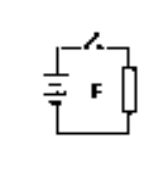
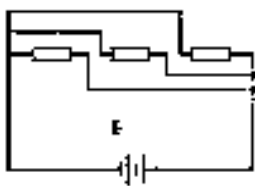
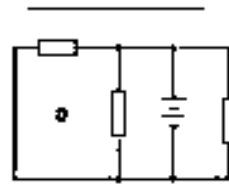
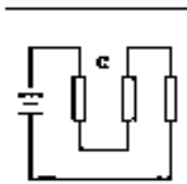
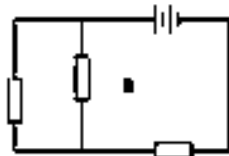
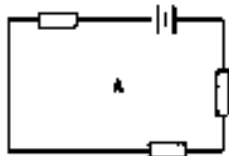
Circuits can be arranged in two ways:

Series circuit: A series circuit is a circuit in which the components are arranged one after another. There is only one path through which the current can flow.

Parallel circuit: A parallel circuit is a circuit in which the components are arranged parallel to each other. There are more than one path through which an electric current can flow.

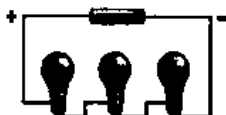


Q1. Identify the the type of circuit.



1. How many light bulbs are in the diagram?

- A) 1 B) 4 C) 2 D) 3

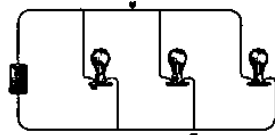


2. What kind of circuit is shown above?

- A) parallel B) series

3. How many batteries are in the diagram?

- A) 1 B) 2 C) 0 D) 3

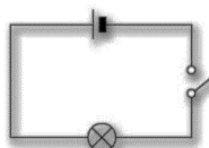


4. What kind of circuit is shown above?

- A) series B) parallel

5. The diagram shows a switch that's _____.

- A) broken B) closed C) loose D) open



6. The circuit diagram shows the symbol of _____?

- A) a battery B) a car C) a switch D) a wire



7. A device that supplies electrical energy is a _____.

- A) battery B) microwave C) conductor d) circuit

8. The pathway for electrical current is called a _____.

- A) highway B) motor C) cloud D) circuit

9. When the electrical current CANNOT flow, the circuit is _____.

- A) open B) loose C) closed D) broken

10. The positive (+) and negative (-) ends of the battery are called _____.

- A) circuit buttons B) battery knobs C) battery terminals

11. A circuit that has only one electric flow is _____.

- A) parallel circuit B) battery circuit C) series circuit

12. The unit that measures a battery's strength is called _____.

- A) current B) volt C) circuit D) electricity

13. A device that opens and closes a circuit is a _____.

- A) volt B) electrical current C) switch D) button

14. Objects that allow electrical current to flow are called _____.

- A) batteries B) switch C) circuits D) conductors

15. The series circuit with two batteries, gives how much voltage to a light bulb?

- A) 1v B) 1.5v C) 3v D) 2v.