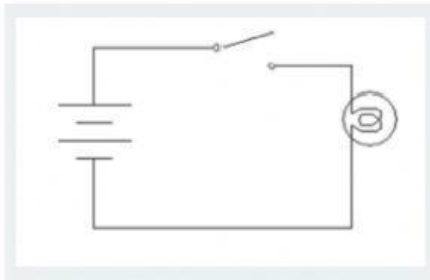


1. Electrical lights will not come on unless their electrical circuit is a...
 - a. closed circuit
 - b. open circuit

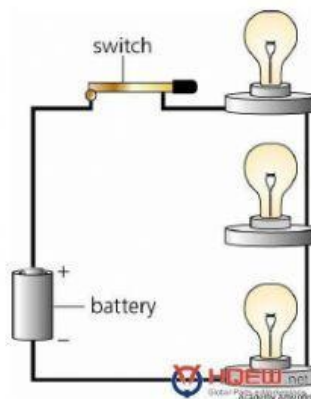
2.



Will the light bulb in this circuit light and why/why not?

- a. yes, because it has two batteries
- b. no, because the switch is open
- c. no, because the bulb is burned out

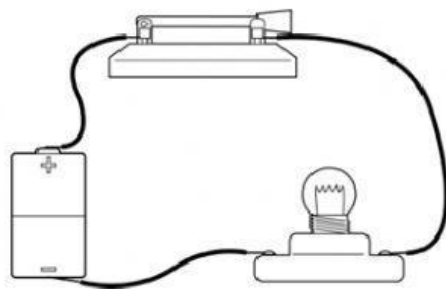
3.



What would happen if the switch was opened?

- a. Nothing
- b. the battery would loose energy
- c. The light bulbs would not work because the path was broken

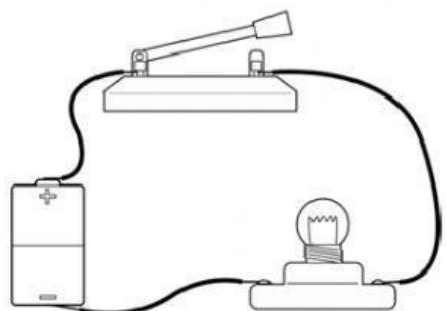
4.



Choose the correct sentence...

- a. This circuit will work because it is an OPEN circuit
- b. This circuit will NOT work because it is an open circuit.
- c. This circuit will work because it is a closed circuit.

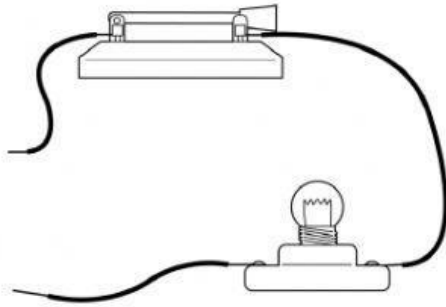
5.



Choose the correct sentence...

- a. This circuit will work because it is an OPEN circuit
- b. This circuit will NOT work because it is an open circuit.
- c. This circuit will work because it is a closed circuit.

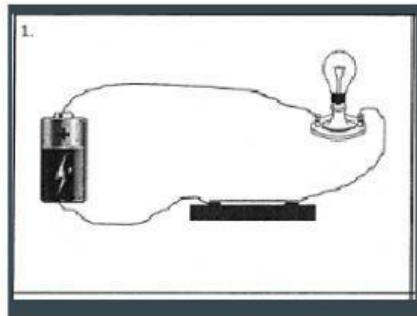
6.



Would would best complete this circuit?

- a. A wire
- b. A battery
- c. A switch

7.



What is the power source in this circuit?

- a. Lightbulb
- b. Wires
- c. Battery

8. Which is NOT an insulator...

- a. Wool
- b. Copper
- c. Plastic

9. What is a example of a conductor?

- a. wood
- b. metal
- c. rock

10. What is the difference between a conductor and an insulator?

- a. An insulator allows electricity to flow through it easily and a conductor does not
- b. A conductor allows electricity to flow through it easily and an insulator does not.
- c. An insulator

11.



Eraser

- a. Conductor
- b. Insulator

12.



Coin

- a. Conductor
- b. Insulator

13. What are conductors used for?

- a. to stop electricity from moving.
- b. to move electricity from one place to another.
- c. to protect you from electricity.

14.



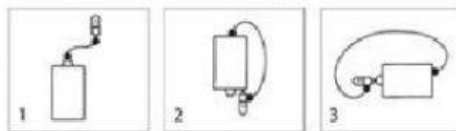
- a. Conductor
- b. Insulator

15. What is one type of good conductor that we learned about in class?

- a. Most plastics
- b. Most wood products
- c. Most metals

Answer the Question!

1.



Which bulbs will light?

2.



this is the symbol for a

4. The rubber around the wire is _____

5. Is Iron a Conductor or Insulator? _____