

Name: _____

Date: _____

School: _____

Electricity



A) Choose the correct answer.

1. We can get electricity from _____

A) batteries

B) bulbs

C) wires

D) glass globes

2. A switch is used to _____

A) change electricity to light energy.

B) do work.

C) turn on electric current on or off.

D) change electricity into sound energy.

3. A torchlight changes _____

A) light energy to heat energy.

B) light energy into electricity.

C) electricity into light energy.

D) electricity into sound energy.

4. Which of the following is **NOT** true?

A) An open circuit does not allow electricity to pass through.

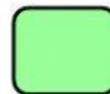
B) Electricity can do work.

C) Glass and wood are conductors of electricity.

D) Electricity can pass through water.

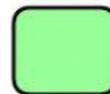
5. Dry cells arranged in series give

- A) a weaker current and so the bulb becomes brighter.
- B) a stronger current and so the bulb becomes brighter.
- C) a weaker current and so the bulb becomes less bright.
- D) a stronger current and so the bulb becomes less bright.



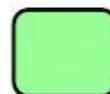
6. The battery is a of electricity.

- A) voltage
- B) source
- C) current
- D) creator



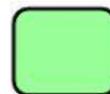
7. Without electricity, your will still work in the house.

- A) computer
- B) doorbell
- C) television
- D) gas cooker



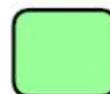
8. The casing of an electric plug is usually made of

- A) metal
- B) plastic
- C) rubber
- D) plasticine



9. Electricity cannot flow through

- A) water
- B) silver
- C) wood
- D) aluminium



10. In an electric circuit, which parts are conductors?

- 1. filament
 - 2. wires
 - 3. glass bulb
 - 4. metal tip
- A) 1 and 2
 - B) 1, 2 and 3
 - C) 1, 2 and 4
 - D) All of the above



B) Choose the correct answer.

11. The [open, closed] circuit allows electricity to pass through it.

12. [Metal, Glass, Rubber] is a conductor of electricity.

13. Electricity comes to our home from [batteries, generators, lamp] in power stations.

14. We must not touch the switch with [dry, wet, warm] hands because water is a good conductor of electricity.

15. A [bulb, switch, wire] is used to cut off an electric current in a circuit.

C) Choose True or False.

16. Batteries cannot store electricity.	True	False
17. Electricity is a form of energy.	True	False
18. The brightness of the bulb depends on its voltage.	True	False
19. When a bulb fuses, it can be reused again after sometimes.	True	False
20. Electrical energy can be converted into heat energy.	True	False