

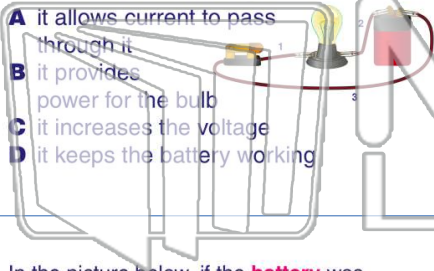


Name _____ Class _____ Date _____

1

What is the **function** of the **switch** shown in the diagram below?

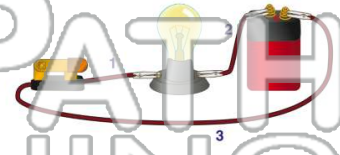
- A it allows current to pass through it
- B it provides power for the bulb
- C it increases the voltage
- D it keeps the battery working



2

In the diagram below, if the bulb was **taken out** of the socket, how much **current** would pass through **point #1**?

- A all
- B most
- C some
- D none



3

In the picture below, if the **battery** was replaced with a **newer** one with the same voltage on the label, one possible result would be

4

What is the **cause of the lightning** in the diagram below?



5

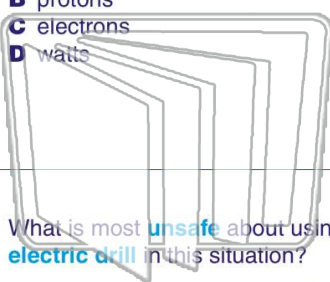


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7

- A volts
- B protons
- C electrons
- D watts

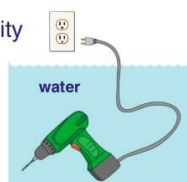


- A almost no breaks in the electrical path
- B no breaks in the electrical path
- C a battery
- D a switch

9

What is most **unsafe** about using an **electric drill** in this situation?

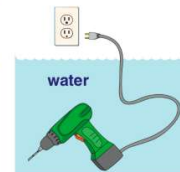
- A working with electricity near water
- B using an electrical tool
- C getting wet
- D the drill will rust



10

Why is working with **electricity** near **water** **dangerous**?

- A it wastes energy
- B water creates extra resistance
- C water conducts electricity
- D water decreases electric current

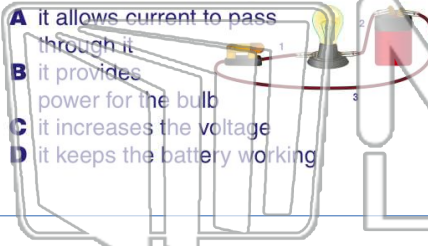




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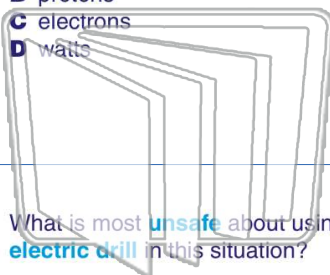


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7

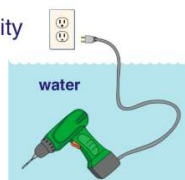
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