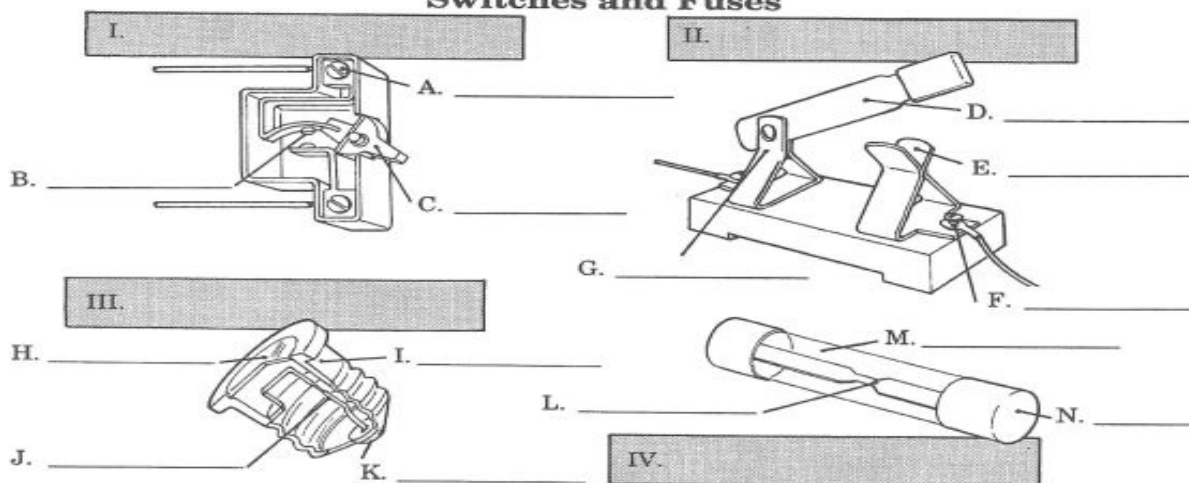


Switches and Fuses



1. Label the pictures in boxes I-IV.
2. Label the parts on the lines.
3. Write the word or words that will make each sentence a true statement.
 - a. To prevent overloading electric circuits, _____ are used.
 - b. _____ are commonly used to turn electric current on or off.
 - c. When the electric circuit is overloaded, the _____ of a fuse breaks and the flow of electricity _____.
 - d. In switches, a _____ point is needed to allow the flow of electricity between the two _____.
4. Write the word or phrase from Column B in the space before its description in Column A.

Column A

Column B

- | | | |
|--|---|----------------------|
| | a. where electric wires connect to a switch | chain pull |
| | b. a type of switch | "open" switch |
| | c. no flow of electricity | metal or alloy strip |
| | d. low melting point in a fuse | terminal |
| | e. a type of fuse | circuit breaker |

5. Explain the meaning of the sentence "Fuses are the police officers of electric current."
