

7J Electrical circuits

complete the sentence

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Place the right word or words to complete the sentence:

 Click mouse to reveal answer

fuse

current

wet

protects

battery

route

circuit

heat

switch

- a) A_____protects the device and its user from a current surge.
- b) A lead or wire found in a_____ allows a charge or electricity to flow through it.
- c) A bulb converts electrical energy into_____ and light energy.
- d) A_____ converts chemical energy into electrical energy.
- e) In a series circuit there is only one_____ for the electrons to travel.
- f) A earth wire found in a device or a plug is there to_____ you against electrocution.
- g) It is highly unsafe to use a hairdryer with_____ hands.
- h) A light dimmer_____ uses a variable resistor to control the amount of current.
- i) The amount of _____ through a circuit depends on the nature and number of devices.

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Place the right word or words to complete the sentence:

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- a) **A fuse protects the device and its user from a current surge.**
- b) **A lead or wire found in a circuit allows a charge or electricity to flow through it.**
- c) **A bulb converts electrical energy into heat and light energy.**
- d) **A battery converts chemical energy into electrical energy.**
- e) **In a series circuit there is only one route for the electrons to travel.**
- f) **A earth wire found in a device or a plug is there to protect you against electrocution.**
- g) **It is highly unsafe to use a hairdryer with wet hands.**
- h) **A light dimmer switch uses a variable resistor to control the amount of current.**
- i) **The amount of current through a circuit depends on the nature and number of devices.**