

# Fuse Homework

Name \_\_\_\_\_ Class \_\_\_\_\_

- 1 Fill in the gaps in these sentences using words from the box.

When a \_\_\_\_\_ flows in a wire, the wire can get \_\_\_\_\_. The wire can get hot enough to \_\_\_\_\_.

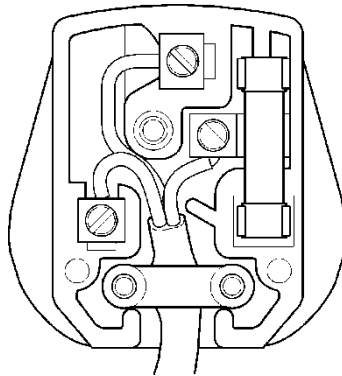
Light bulbs have a piece of \_\_\_\_\_ wire inside them which glows. The light

bulb changes electrical \_\_\_\_\_ into \_\_\_\_\_ and

\_\_\_\_\_ energy. A \_\_\_\_\_ is a piece of wire that is designed to melt if the current gets too \_\_\_\_\_.

current	energy	fuse	heat	high	hot	light	melt	thin
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- 2 Plugs have fuses inside them. The fuse is there for safety.



- a** Label the fuse on this plug.
- b** The plug is connected to a TV. The TV works properly when the current is 4 A. Which fuse should be fitted to the plug? Circle the correct answer.  
3 A    5 A    13 A
- c** What will happen if something goes wrong and a high current flows?

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