

Name _____ Class _____

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

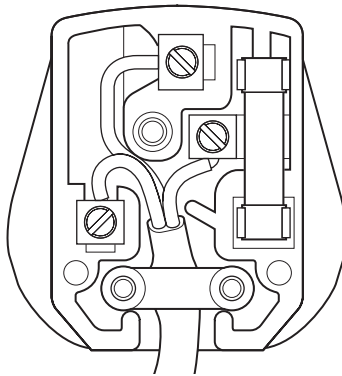
When a _____ flows in a wire, the wire can get _____. The wire can get hot enough to _____.

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

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?
