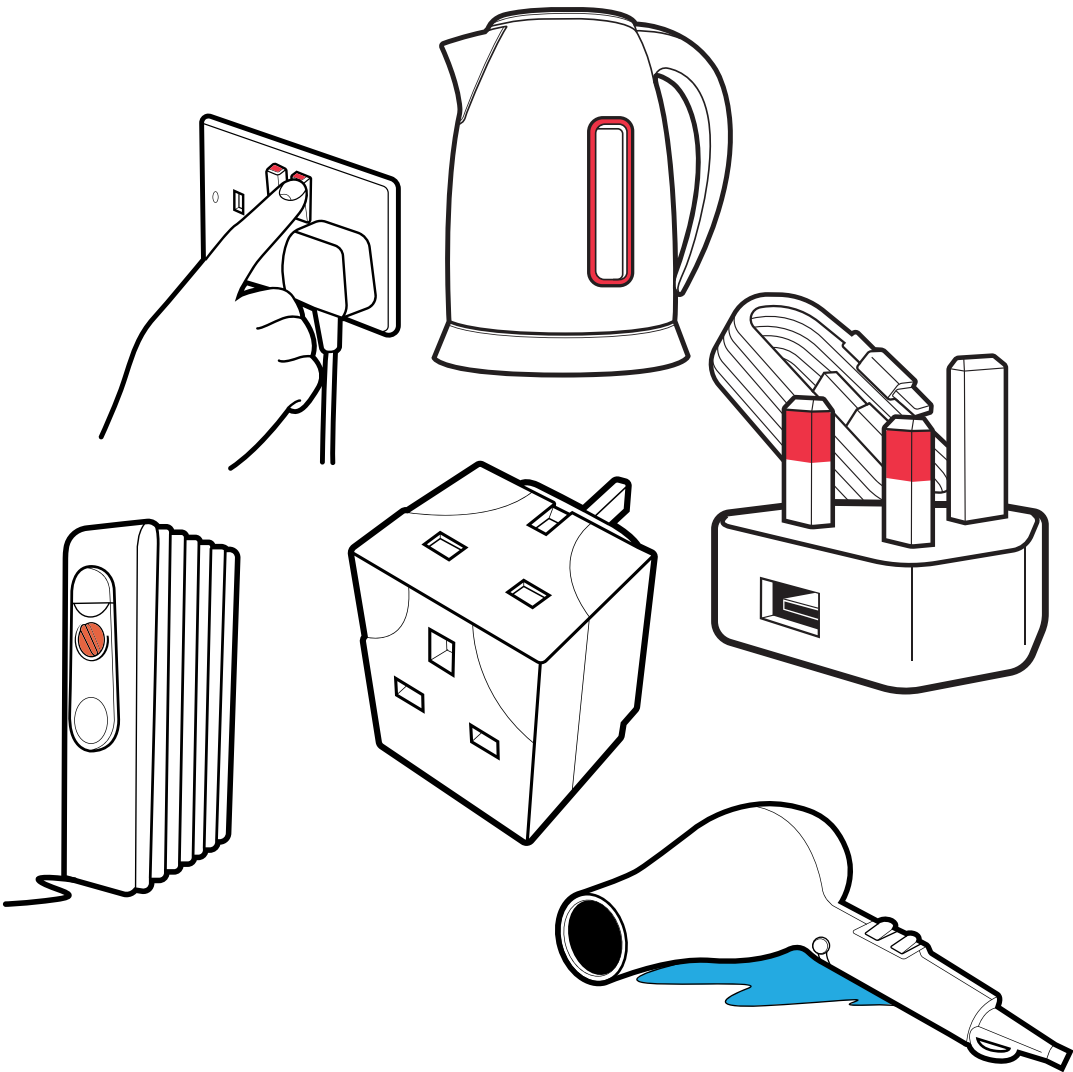


# Electrical Safety Quiz

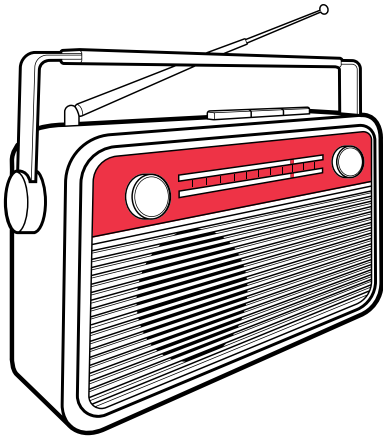


Which one of these make the most heat?

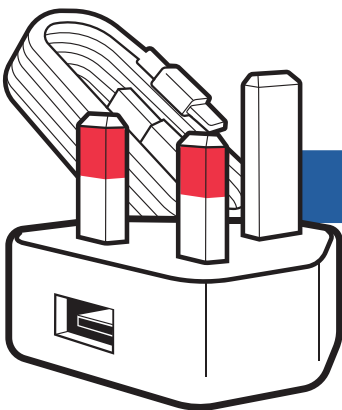
1



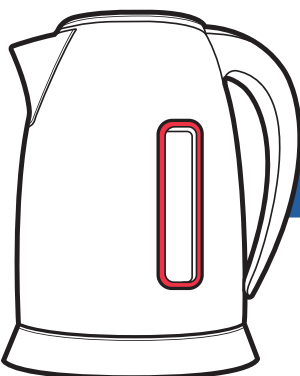
a) Television



b) Radio



c) Phone Charger



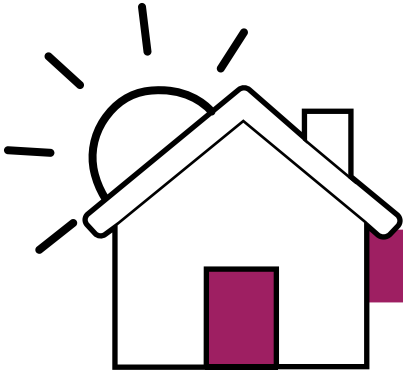
d) Kettle

2

When is it a good idea to plug in your phone or E-Cigarette charger?



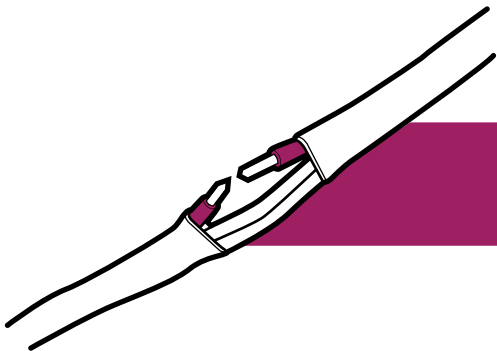
a) Overnight



b) When you're at home during the day



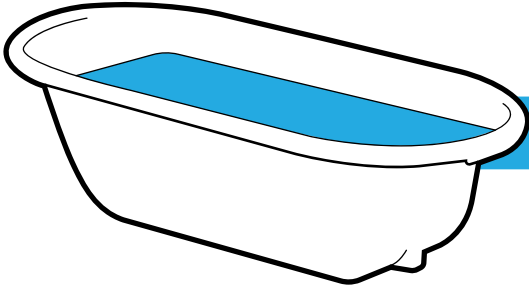
c) If you go out all day



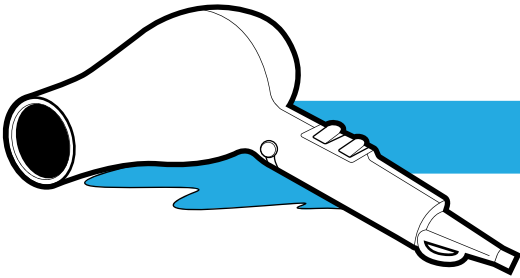
d) If your phone charger or cable is damaged

## When is it safe to use a hair dryer?

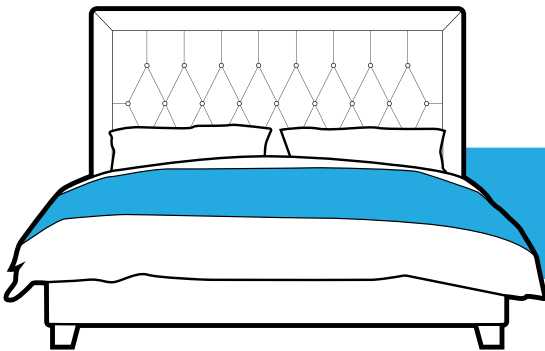
3



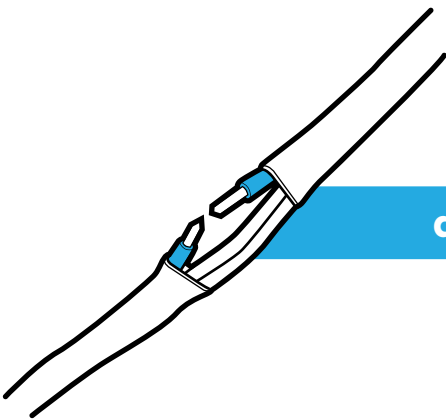
a) When you're in the bath



b) When the dryer is wet

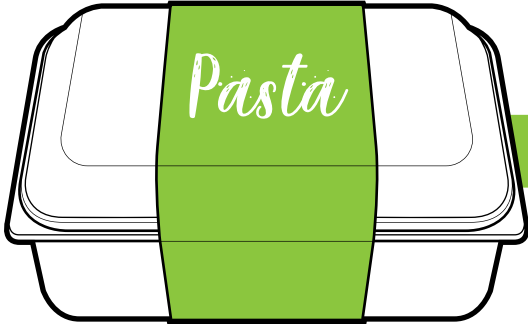


c) In your bedroom when only your hair is wet

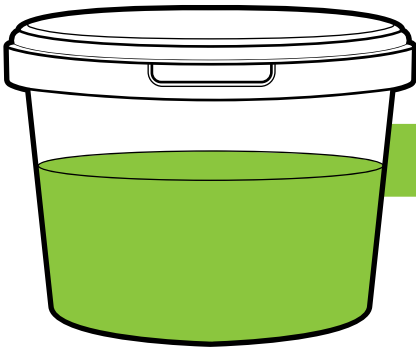


d) If your hair dryer cable is damaged

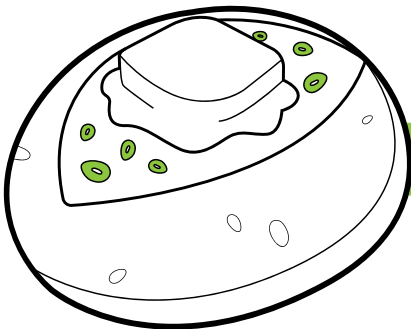
**4** Which of these should you not put in a microwave?



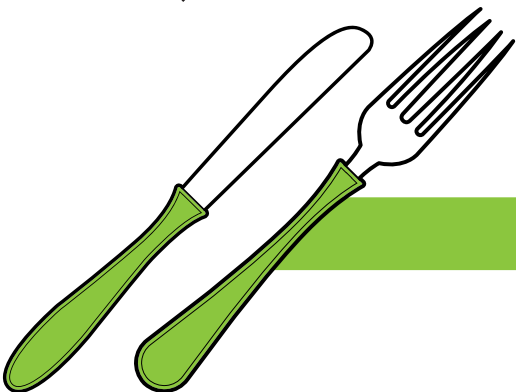
a) Ready meal



b) Soup in a plastic microwave pot



c) Bake potato



d) Metal things

What is the biggest number of Amps that you should have plugged in to a single wall socket?

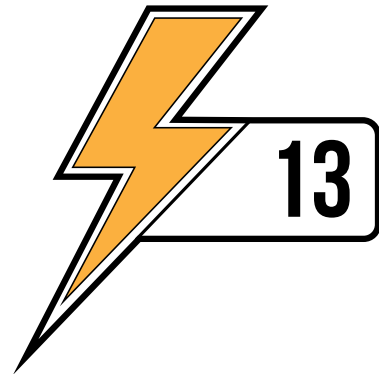
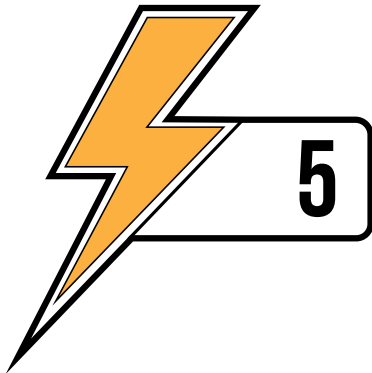
5



6

Which of these things uses 5 Amps and which uses 13 Amps?

**Kettle, toaster, clock radio, phone charger,  
hair dryer, desk light, TV, Xbox, record player**



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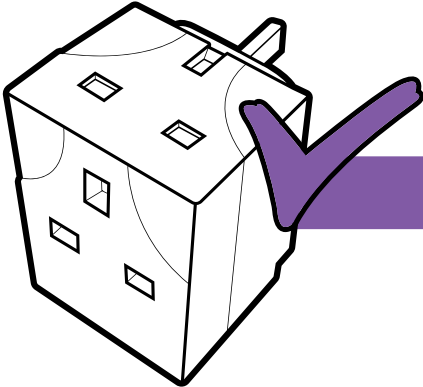
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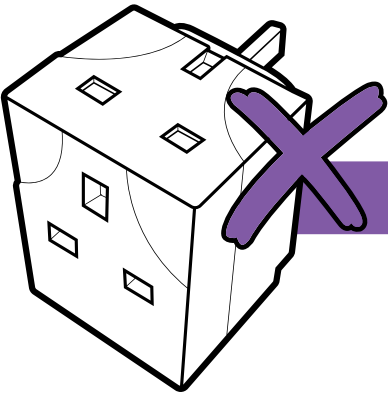
.....

Is it a good idea to use a square adapter so you can plug lots of things into a single socket?

7



a) Yes



b) No

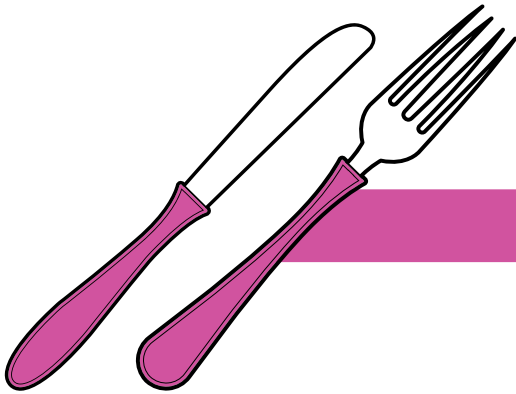


8

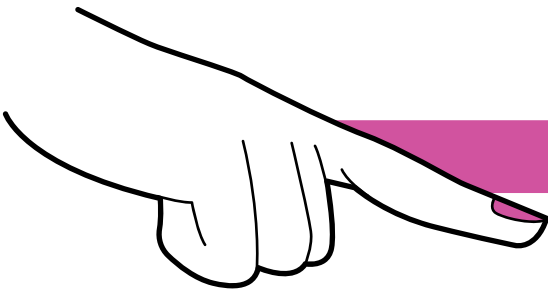
Which of these is safe to put in a plug socket?



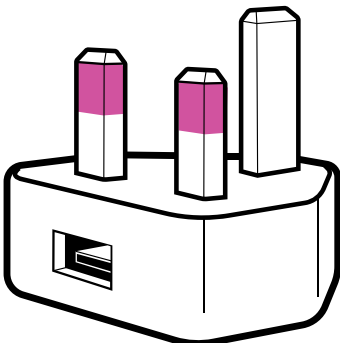
a) Chewing gum or blue-tac



b) Metal things like forks



c) Your fingers



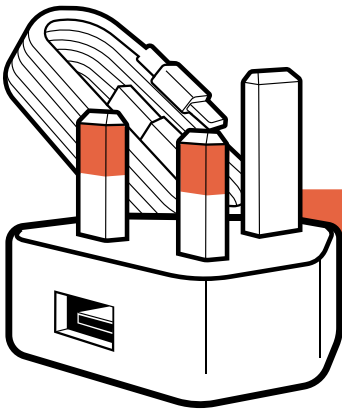
d) A plug which is not broken

Which things should you not switch off and unplug overnight?

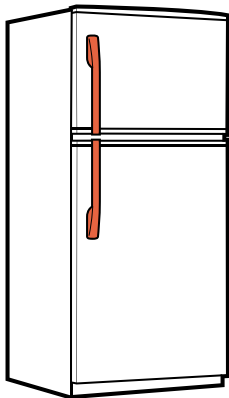
9



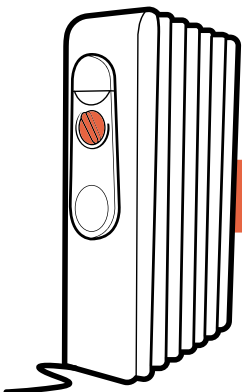
a) Your TV



b) Your phone charger



c) Fridge and Freezer



d) Electrical heater

**10** Is it safe to use a plug or light switch with wet hands?

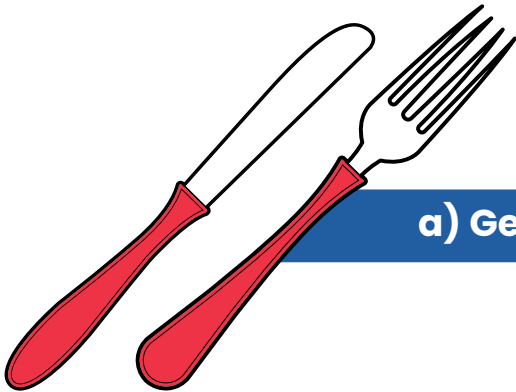


a) Yes

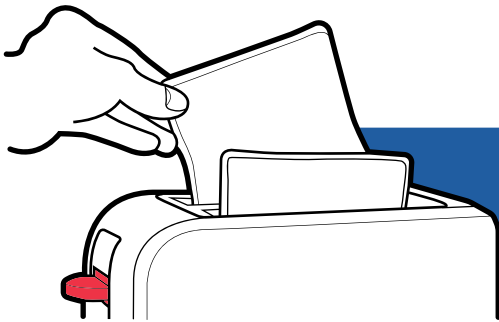


b) No

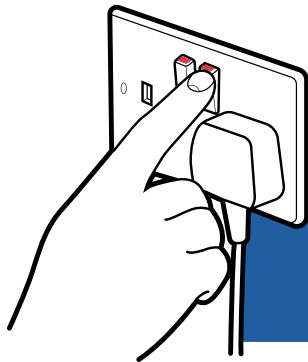
**Your toast gets stuck in the toaster. Do you:**



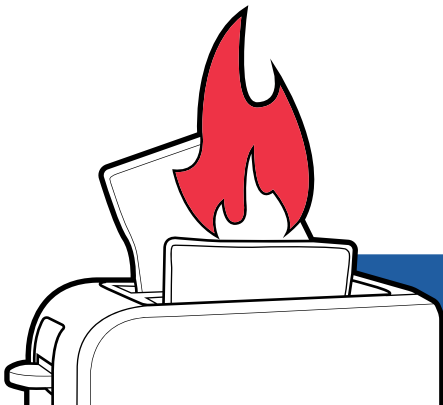
**a) Get a knife or fork and try to poke it out**



**b) Try to grab the hot toast with your hands**



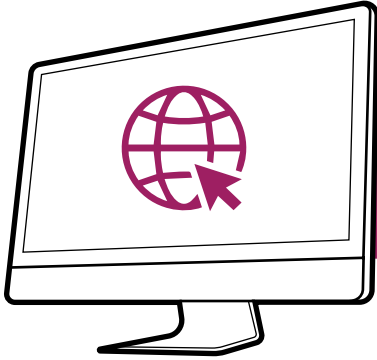
**c) Switch off the toaster, unplug it and let it cool down. Then carefully try to get the toast out with your hands if you can**



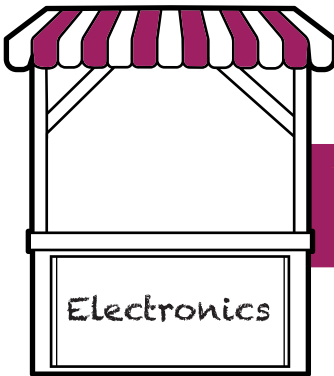
**d) Let it burn**

12

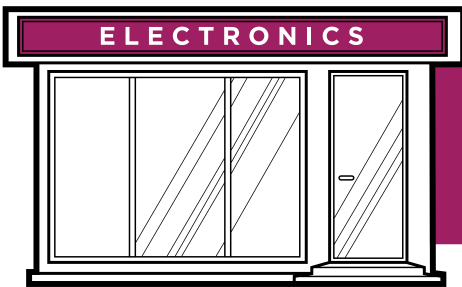
Where is it safer to buy a new phone charger from?



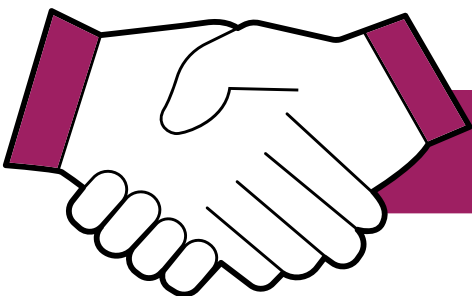
a) An internet site you just found where they are really cheap



b) From a market where they are really cheap



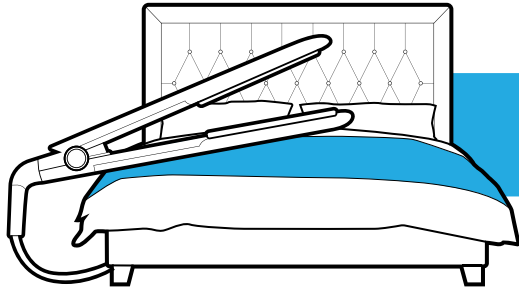
c) From a shop in the high street or on the internet which you know well and trust



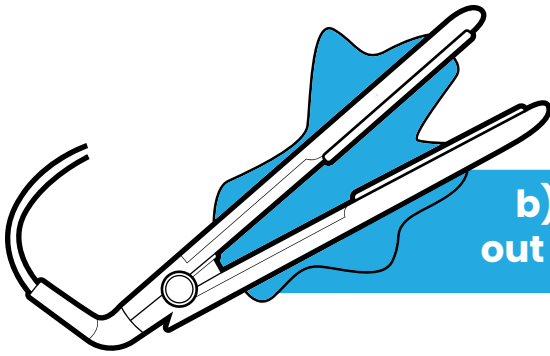
d) From someone who tried to sell you one in the street

## How can you use hair straighteners safely?

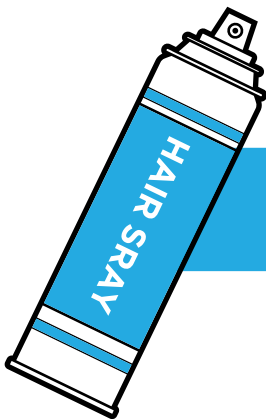
13



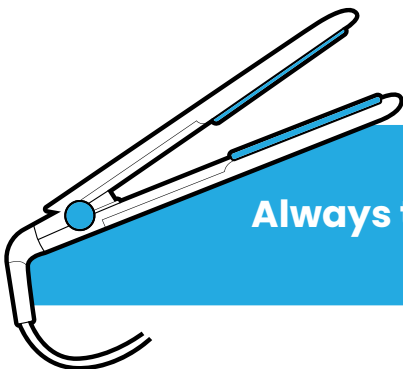
a) Leave your hair straighteners switched on and sat on the bed



b) Use them when you have just got out of the bath when you are very wet



c) Use them just after you have used hair spray



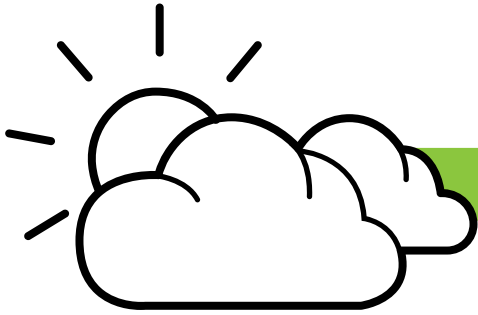
d) Always hold them when switched on. Always turn them off when you have finished and put them somewhere safe to cool down.

14

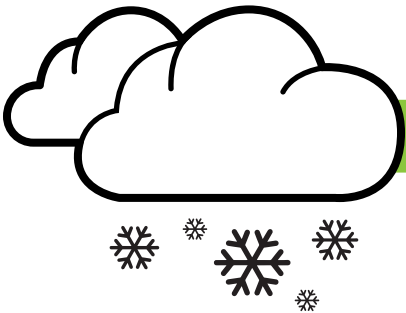
When is it safe to use electric things outside?  
(like your electric mower, hedge trimmer or drill)



a) When it is raining



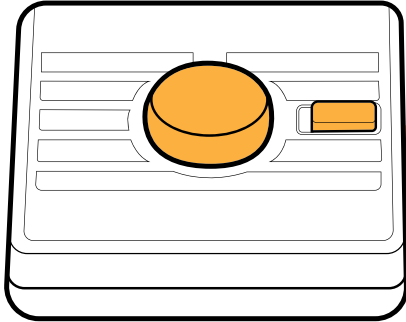
b) When it is dry outside



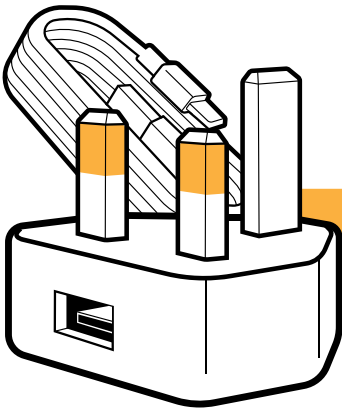
c) When it is snowing or damp outside

Which of these things should get too hot to touch when they are switched on and being used?

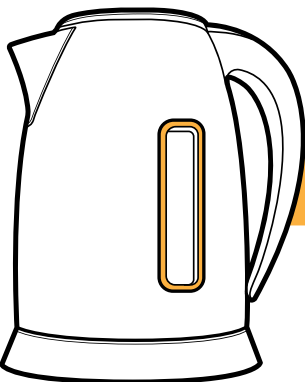
15



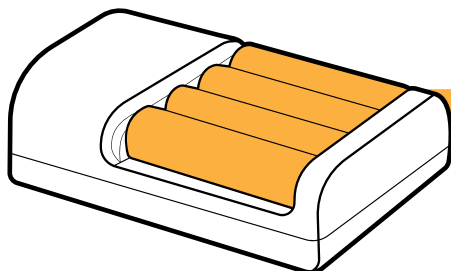
a) A transformer for a train set



b) A mobile phone charger



c) A kettle

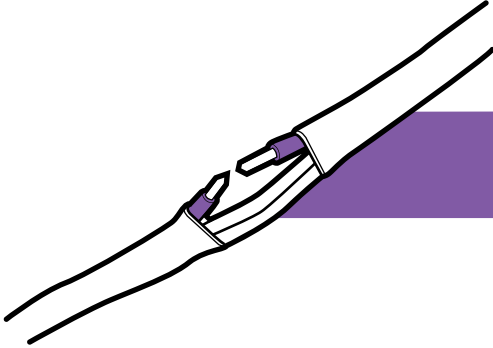


d) A battery charger



16

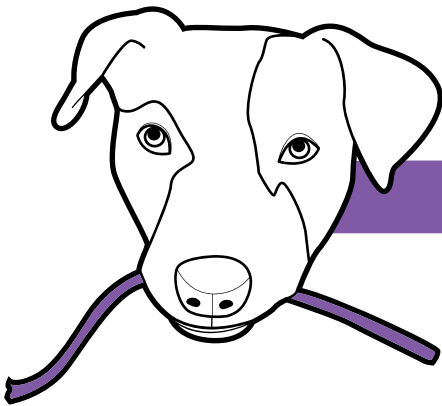
Why should you check electric wires on the floor if you have pets?



a) Because they might chew them and leave them very dangerous



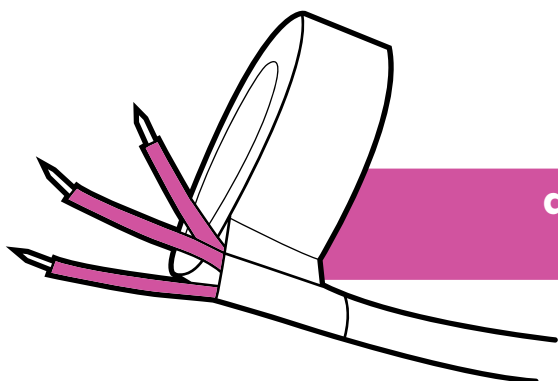
b) They might trip over them



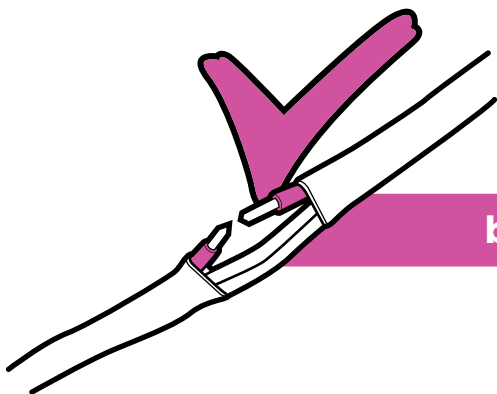
c) They might want to play with them

What should you do with a damaged electric cable?  
(there might be more than one right answer!)

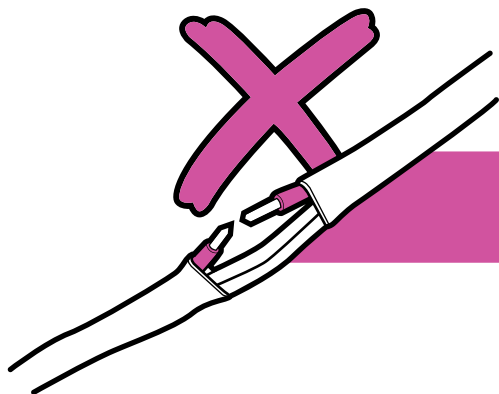
17



a) Put some tape or sellotape round the damaged cable



b) Leave it alone and carry on using it



c) Stop using the cable right away and ask an electrician to look at it

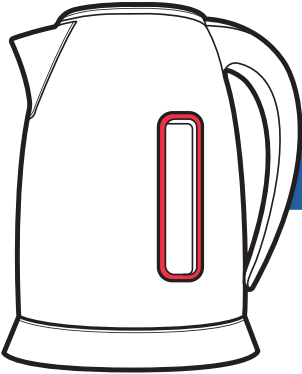


d) Stop using the cable, throw the old one away and buy a new cable

# Answers

Which one of these make the most heat?

1



The answer is:

d) Kettle

None of the others should get hot enough so you cannot touch them or pick them up. If they do, switch them off, stop using them and ask someone you trust or an electrician to check them out for you.

You might need to replace them if they are faulty.

When is it a good idea to plug in your phone or E-Cigarette charger?

2



The answer is:

b) When you're at home during the day

You should NEVER leave a mobile phone or E-Cigarette charging overnight or when you are not in the house.

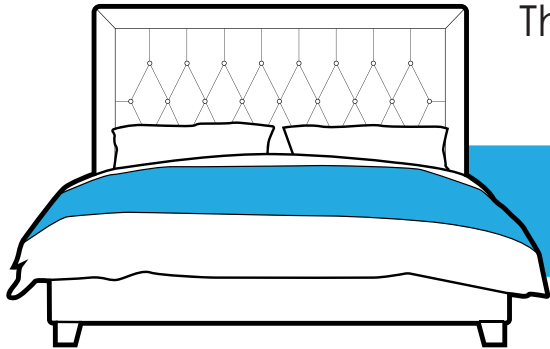
When you put them on charge, make sure they are on a kitchen worktop or somewhere else away from curtains, paper or things that can burn easily.

Always keep checking them to make sure they don't get too hot.

# Answers

When is it safe to use a hair dryer?

3



The answer is:

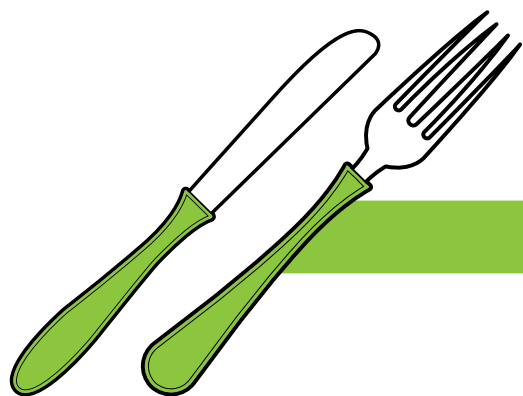
**c) In your bedroom when only your hair is wet**

You should only ever use a hairdryer to dry your wet hair in a safe place like your bedroom. Never use it with wet hands or near the sink or bath. Be careful too, they get hot!

After, unplug it and put it on a table when it has cooled down.

Which of these should you not put in a microwave?

4



The answer is:

**d) Metal things**

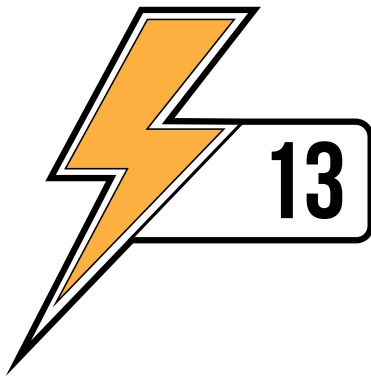
Never put knives, forks, spoons, metal containers (like take away tubs), pans and some coffee/tea mugs. If you are not sure then check, sometimes things say on them if they are 'Microwave Safe'. If you don't know, then the best thing to do is put things in a microwave safe pot.

If you put potatoes or ready meals in the microwave, make sure you prick them with a fork first!

# Answers

What is the biggest number of Amps that you should have plugged in to a single wall socket?

5



The answer is:

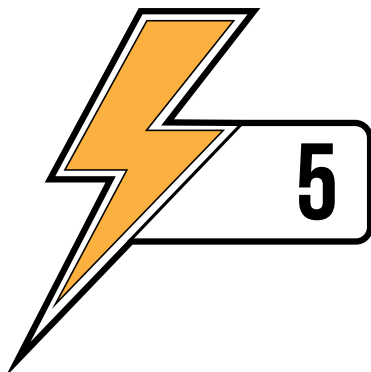
b) 13 Amps

Most things in your home like your TV, radio, mobile phone charger and table lights are 5 Amps. Things which make a lot of heat to work, like fan heaters, electric radiators, toasters, hair dryers and kettles are 13 Amps. You should not plug more than one thing into a socket which is 13 Amps.

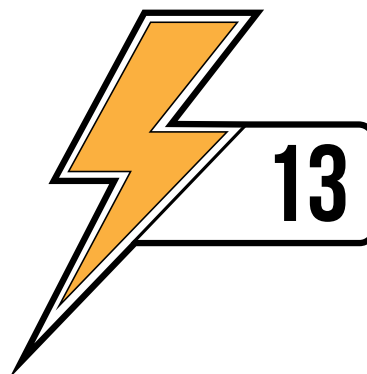
Which of these things uses 5 Amps and which uses 13 Amps?

6

The answer is:



**Clock radio,  
Phone charger,  
Desk light, TV, Xbox,  
Record player**

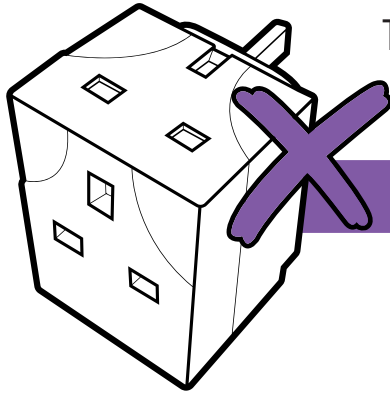


**Kettle, Toaster,  
Hair dryer**

# Answers

Is it a good idea to use a square adapter so you can plug lots of things into a single socket?

7



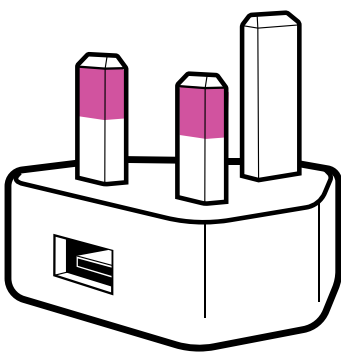
The answer is:

b) No

You should not use a square adapter to plug more than one thing into a single socket. You can sometimes use an adapter with a long lead on it. But **ONLY** plug in small things like a TV, desk light and phone charger. **NEVER** plug in 2 adapters together.

Which of these is safe to put in a plug socket?

8



The answer is:

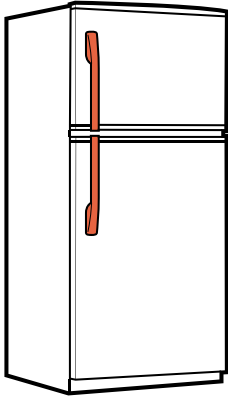
d) A plug which is not broken

You should **NEVER** try to fix a plug socket in your house. If one is broken or does not work, ask an electrician to fix it or replace it. If you have children you should teach them not to play with plug sockets and watch small children to make sure they don't put their fingers in them.

It is a good idea to check all the plugs on your electric things every month, to make sure they are not damaged or have loose bits on them. If they do, stop using them.

Which things should you not switch off and unplug overnight?

9



The answer is:

**c) Fridge and Freezer**

It is a good idea to switch off things in your house when you go out for the day or go to bed. You should not switch off your fridge, freezer, boiler or your internet router though.

Is it safe to use a plug or light switch with wet hands?

10



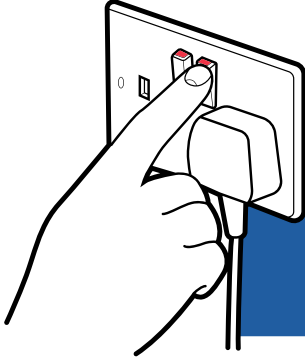
The answer is:

**b) No**

NEVER touch anything electrical with wet hands. It is also not safe to use anything plugged in a socket in the bathroom or outside if it is wet, raining or snowing.

Your toast gets stuck in the toaster. Do you:

11



The answer is:

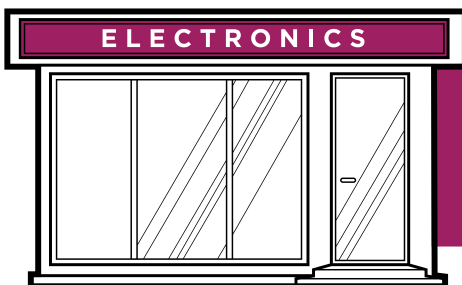
**c) Switch off the toaster, unplug it and let it cool down. Then carefully try to get the toast out with your hands if you can**

It is very dangerous to stick anything but bread in a toaster. If your toast gets stuck you need to unplug the toaster first. If you don't think you can get it out easily, ask someone you trust to help you.

Where is it safer to buy a new phone charger from?

12

The answer is:



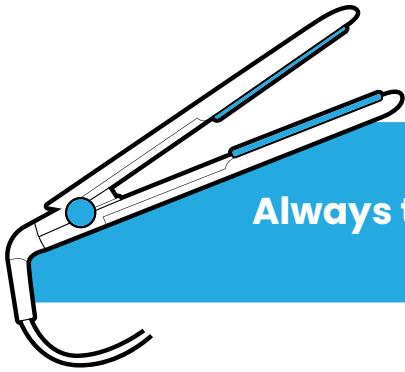
**c) From a shop in the high street or on the internet which you know well and trust**

It might be cheaper to buy mobile phone chargers from the internet or from someone you know. But some cheap phone charges can get too hot and some might catch fire. It is best to buy a charger from a proper shop in your local area. They will probably work better too!



## How can you use hair straighteners safely?

13



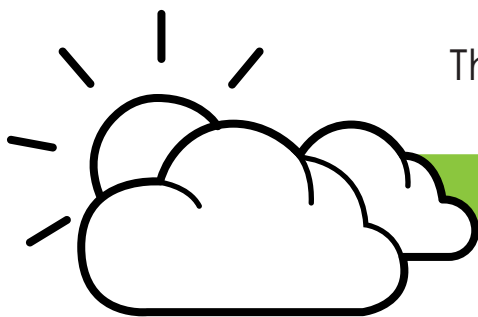
The answer is:

**d) Always hold them when switched on. Always turn them off when you have finished and put them somewhere safe to cool down.**

You should also follow these rules if you are using a hair dryer, electric curlers or any other hair equipment which needs plugging in.

## When is it safe to use electric things outside? (like your electric mower, hedge trimmer or drill)

14



The answer is:

**b) When it is dry outside**

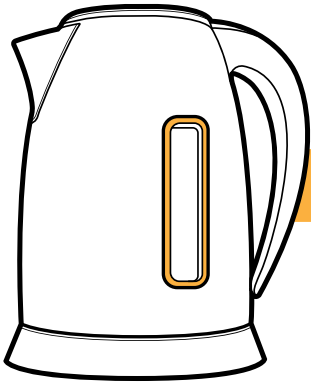
You should NEVER use things like electric lawnmowers, trimmers, lights, radios or anything that plugs into the power when it is raining, snowing, foggy or if the grass is wet.

Wait until it is dry outside before you plug things in.

# Answers

Which of these things should get too hot to touch when they are switched on and being used?

15



The answer is:

c) A kettle

A kettle does get too hot to touch when it has boiled, so only pick it up by the handle. None of the other things should get so hot that you cannot touch them. If they do get that hot, switch them off immediately and ask someone you trust to check them.

Why should you check electric wires on the floor if you have pets?

16

The answer is:



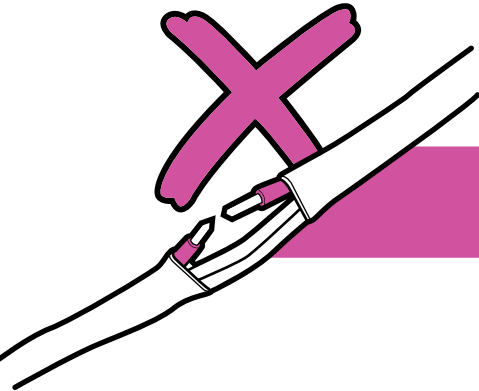
A, B and C: All of them!

If you have any pets it is a good idea to check any cables on the floor for damage and to move them if they are a danger to them. Pets might chew them, trip over them and they might want to play with them

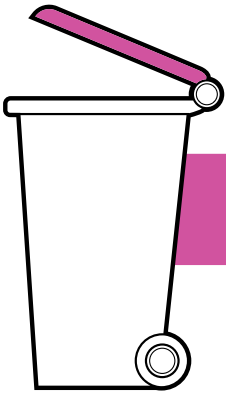
What should you do with a damaged electric cable?  
(there might be more than one right answer!)

17

There are 2 right answers:



**c) Stop using the cable right away and ask an electrician to look at it**



**d) Stop using the cable, throw the old one away and buy a new cable**

If a cable is damaged, you should stop using it straight away and unplug it. You should not try to repair the cable yourself. If the cable cannot be taken off the equipment easily then you need to take it to an electrician or repair shop. If you can remove it and buy a replacement cable, you must throw the old one away.

**We hope you have found this quiz useful!**