Can you identify these circuits?

- Two or more light bulbs are connected to one battery. _____
- It forms two or more circles, one bigger than the other. _____
- A battery is connected to a light bulb, the light bulb to a switch and the switch to the battery. _____
- Each of these two circuits has a light bulb, connected to the same battery. _____
- All the components are connected within the same circuit. _____
- This circuit has a single light bulb and forms one circle. _____

Simple circuit



Series circuit



Parallel circuit



LIVEWORKSHEETS

What symbols do we use to represent electric circuits?

battery	switch off	wire	switch on	light bulb or lamp



LIVEWORKSHEETS

Complete the concept map about electrical appliances:





Electrical appliances

- A_____ which uses an e_____ c_____
- Examples
  - light b_____
  - electric r_____
  - f_____
  - v_____ c_____
  - r_____
  - t_____

LIVEWORKSHEETS

Write the names of the following electrical appliances:















LIVEWORKSHEETS

Are these sentences TRUE or FALSE?

- Electricity is generated in power stations. _____
- Electricity travels along signals to our homes. _____
- Cables that carry electricity are safe. _____
- Pylons keep cables away from people and things on the ground. _____
- There is a fuse box in our home, where electricity enters. _____
- From the fuse box, electricity travels through wires to electrical devices. _____

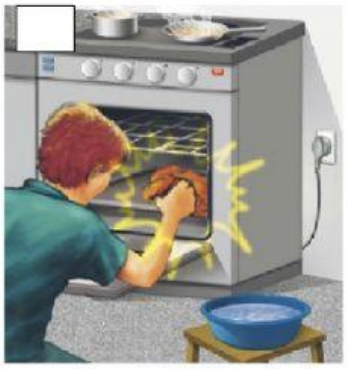


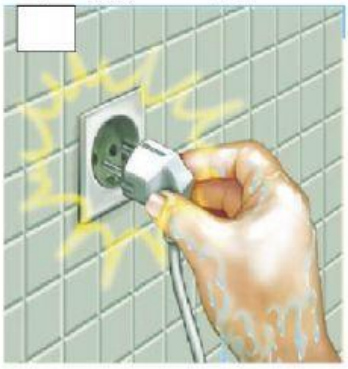
LIVEWORKSHEETS

Match the rules with the pictures:

Electricity can be very dangerous, we need to use it carefully:

1. Do **NOT** use electrical appliances in the bath or shower.
2. Do **NOT** plug in an appliance with wet hands.
3. Do **NOT** open or repair a plugged appliance.
4. Do **NOT** clean a plugged appliance with a damp cloth.









LIVEWORKSHEETS