



## 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





## What symbols do we use to represent electric circuits?



battery

switch off

wire

switch on

light bulb or lamp





# 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 \_\_\_\_\_



Write the names of the following electrical appliances:





## 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. \_\_\_\_\_





## 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.

