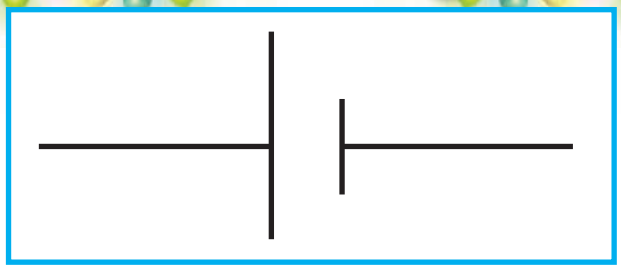
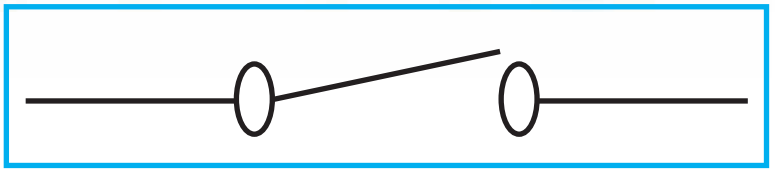
# Christmas lights


## What would happen if the circuit was wrong?

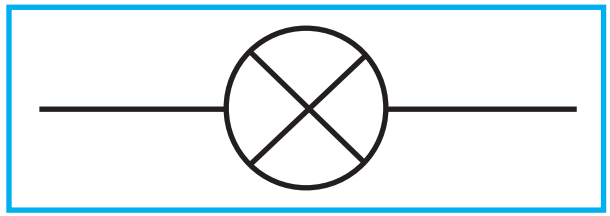
# Circuit symbols

Can you remember what these symbols mean? ...cut them out and match the label to the symbol.

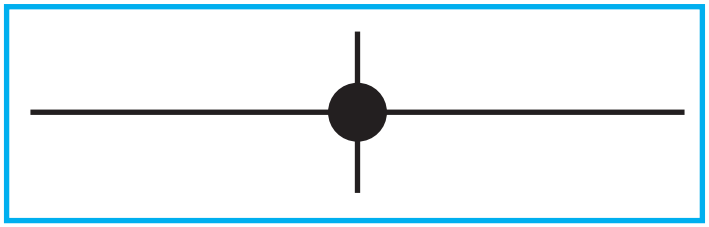


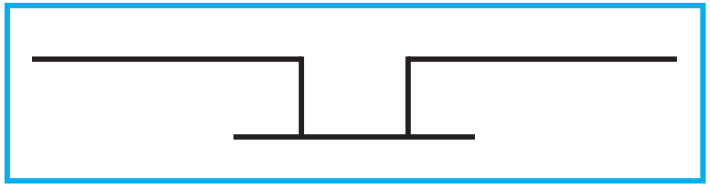


two wires joined together



buzzer





bulb

battery

switch (open)

switch (closed)

wire

We are now going to make our own Christmas lights circuits.

# Making electrical circuits

| | | | | | |
|---|---|---|---|---|---|
| 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10  | 11  | 12  |
| 13  | 14  | 15  | 16  | 17  | 18  |
| 19  | 20  | 21  | 22  | 23  | 24  |

Once you have 6 components, make a circuit. Will it work? Explain.