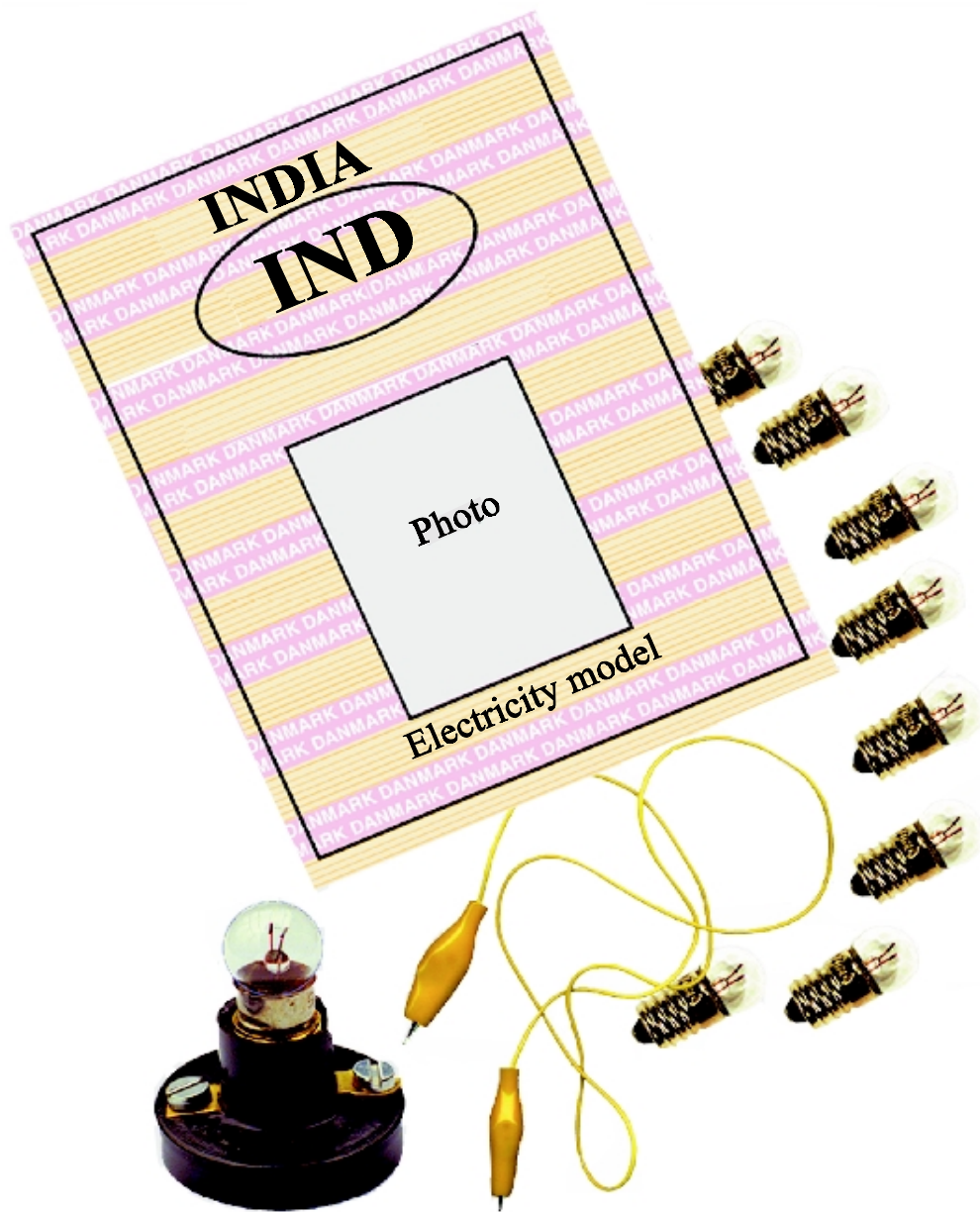


Licence to Lighting



The Danish Committee for Electrical Training and Education



“Licence to Lighting” 1

You have to use:



Make the bulb give light

Draw how



“Licence to Lighting” 2

You have to use:



Look at the bulb through the magnifying glass.
What is written inside the bulb?

Draw and write



“Licence to Lighting” 3

You have to use:

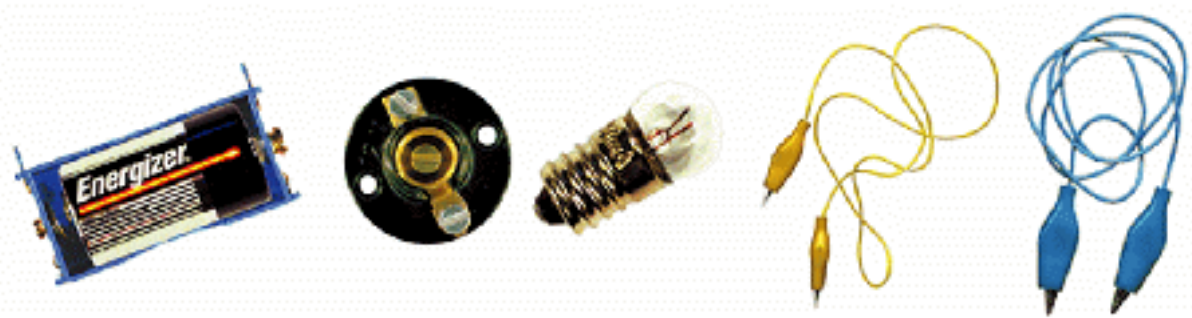


Make the bulb give light using 1 wire

Draw how

“Licence to Lighting” 4

You have to use:



Screw the bulb into the socket and make the bulb give light

Draw how

“Licence to Lighting” 5

You have to use:



Make 2 bulbs give light at the same time.

You are only allowed to use 3 wires.

What happens to the bulbs when you unscrew one of the bulbs?

Draw and write



LICENCE TO LIGHTING



“Licence to Lighting” 6

You have to use:



In this exercise, you are not allowed to put the wires end to end

Make 2 bulbs give light at the same time.

You have to use 4 wires.

What happens to the bulbs when you unscrew one of the bulbs?

Draw and write



LICENCE TO LIGHTING



“Licence to Lighting” 7

Make a test circuit:



“Licence to Lighting” 7a

Use the test circuit:



Put different things in between
and see, if something happens



	Bulb gives light	Bulb gives dim light	Bulb does not give light at all
Iron			
Finger			

“Licence to Lighting” 8

You have to use



1. Look at the picture
Do you think that the bulb gives light?

Yes No

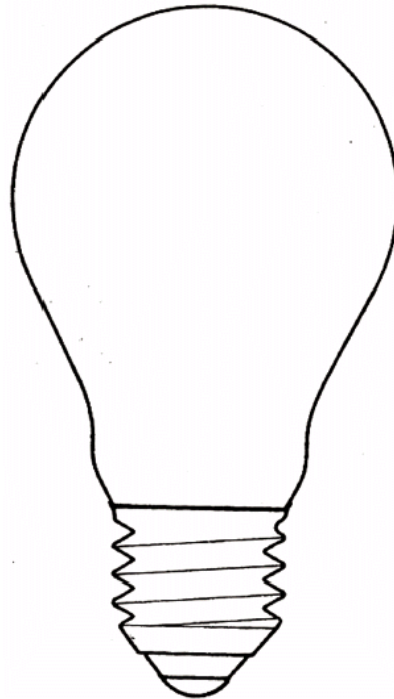
2. Make the exercise:
Did the bulb give light?

Yes No



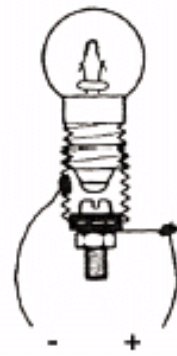
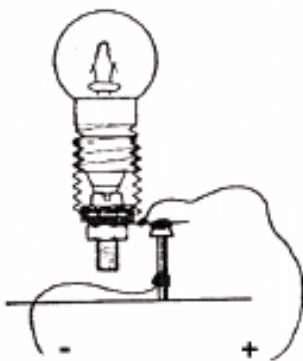
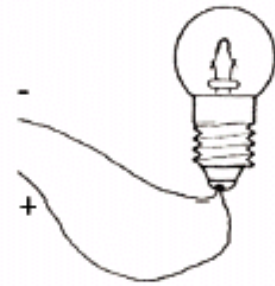
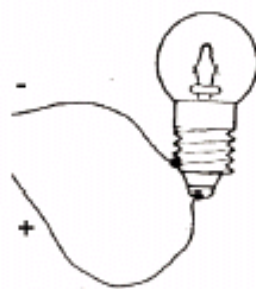
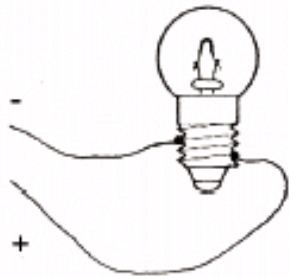
Home exercise 1

- Find a bulb for 230 volts
 - Write at the drawing what is written on the bulb
 - Draw the wires which you think are inside the bulb
-



Home exercise 2

- Look at the bulbs
 - 2 of the bulbs are giving light
 - Are you able to find these 2 bulbs?
-



Home exercise 3

- Which bulbs will give light?
- Are you able to make the last bulb give light?

