

Changing circuits

1. What name is given to a material that allows electricity to pass through it?

2. Give 4 examples of materials that do this.

i.

ii.

iii.

iv.

3. What name is given to a material that doesn't allow electricity to pass through it?

4. Give 5 examples of materials that don't allow electricity to pass through them.

i.

ii.

iii.

iv.

v.

5. Draw the symbol for the following parts of an electric circuit:

a. Cell

b. Bulb

c. Switch

d. Motor

e. Buzzer

6. If we add more and more bulbs to a circuit, what happens to the brightness of the bulbs?

7. If we add more and more cells to a circuit, what happens to the brightness of a bulb?

8. Why does the brightness change when more and more cells are added to the circuit?