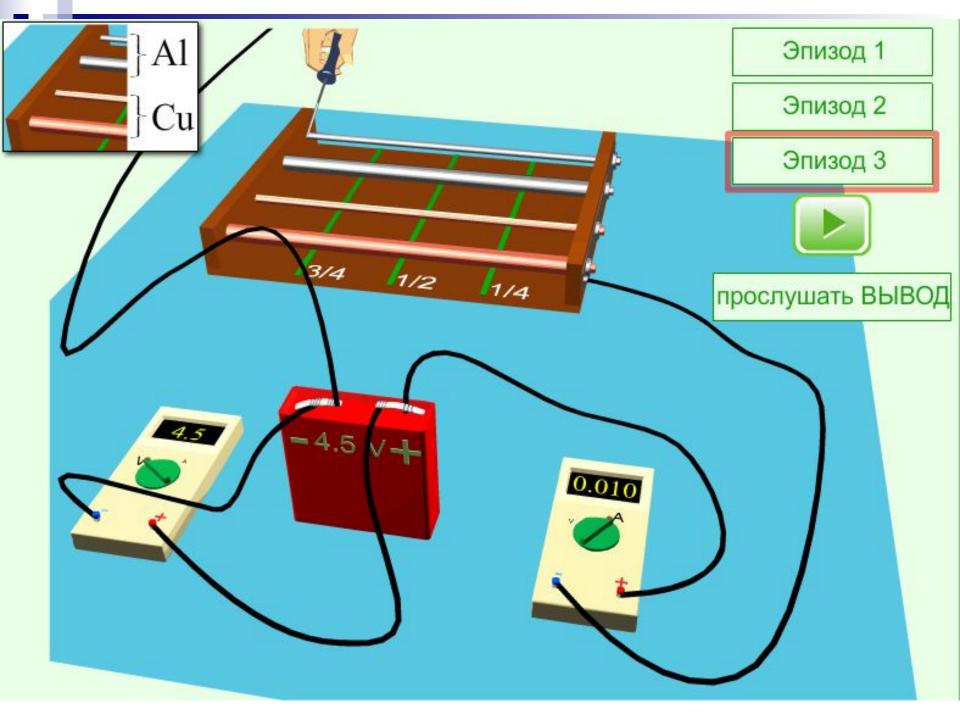
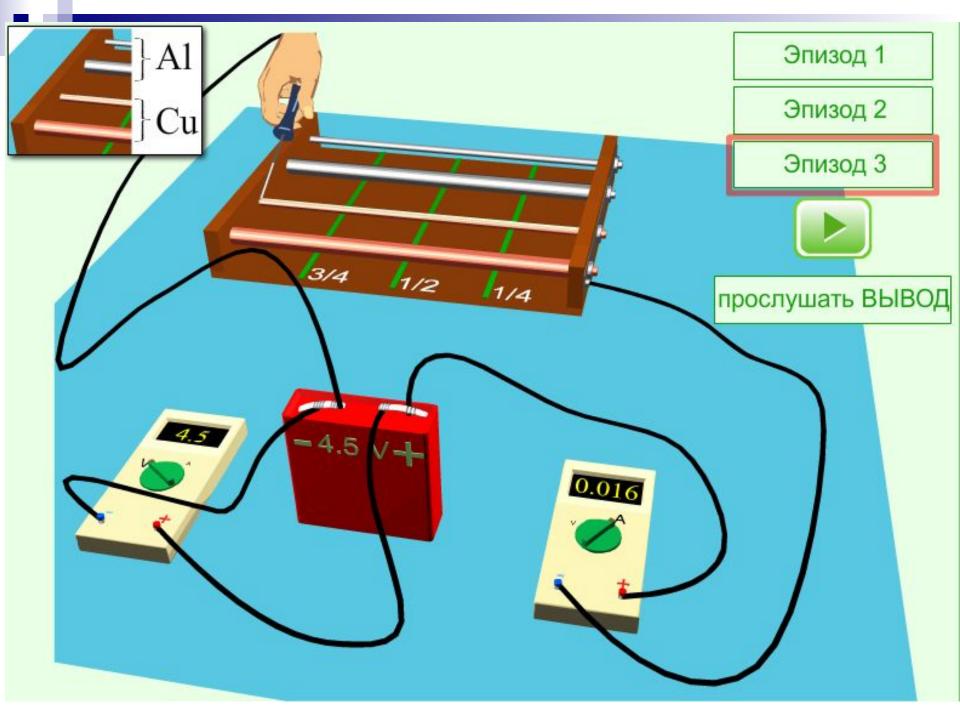
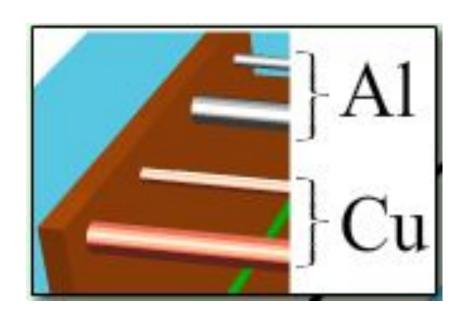
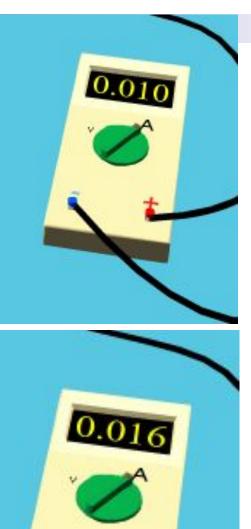


Ом Георг



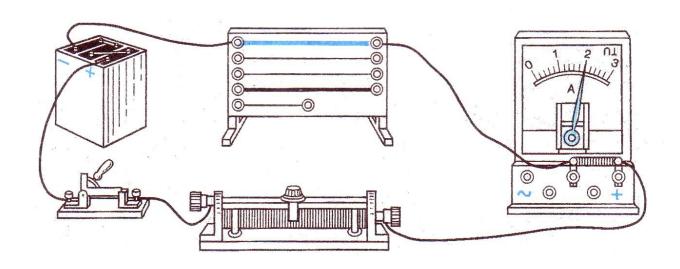


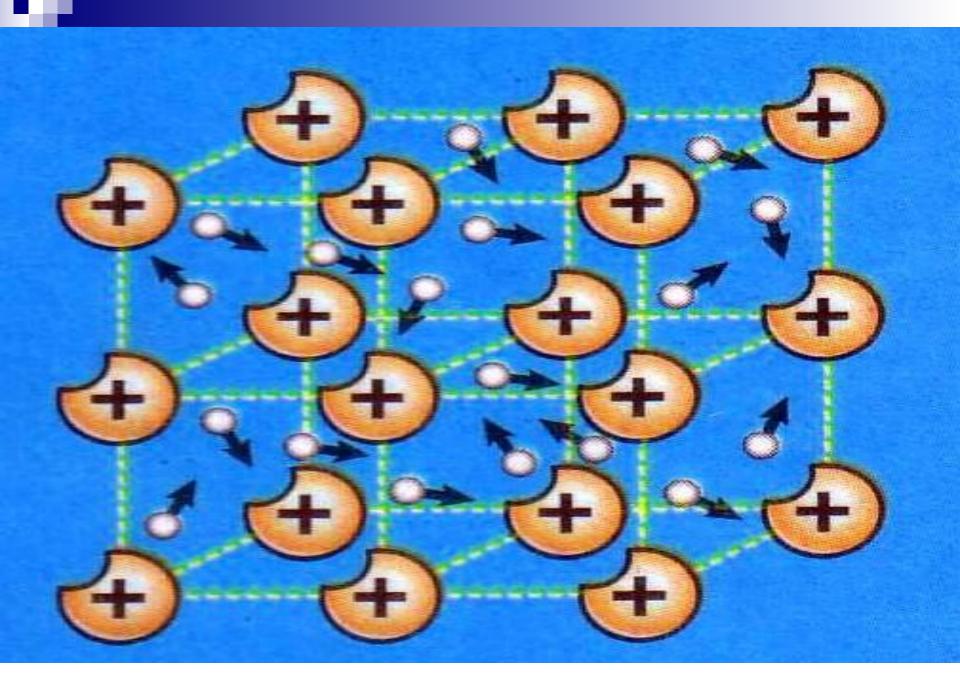






## Сила тока зависит от свойств проводников





$$1 \text{ OM} = \frac{1 \text{ B}}{1 \text{ A}}$$

1 mOm = 0,001 Om;

1 kOm = 1000 Om;

1 MOm = 1 000 000 Om.



## проводника зависит от:

- рода вещества;
- длины проводника;
- площади поперечного сечения.

$$R = \frac{\rho l}{S} S = \frac{\rho l}{R}, l = \frac{RS}{\rho}$$

$$\rho = \frac{RS}{l} \frac{1 \text{ Om} \cdot \text{mm}^2}{\text{m}}$$

$$R = \frac{\rho \iota}{S}$$

$$\rho = \frac{RS}{l}$$

$$1 \text{ Om} \cdot \text{mm}^2$$

M