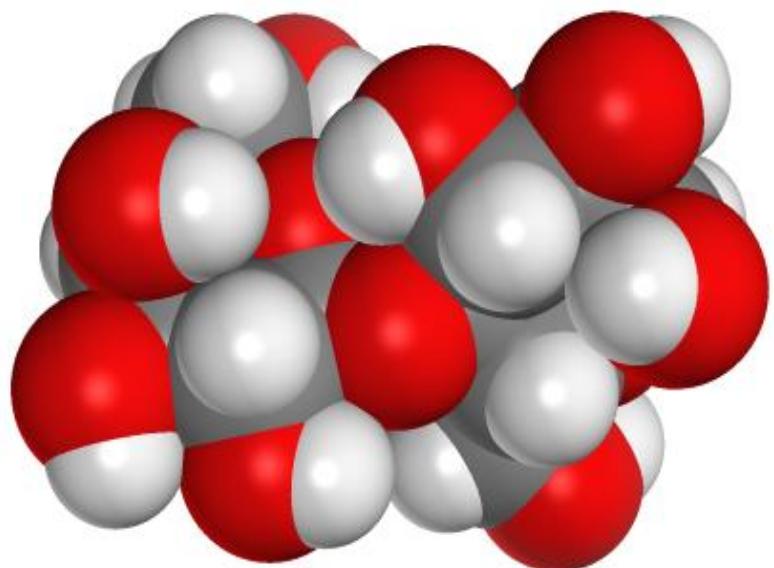
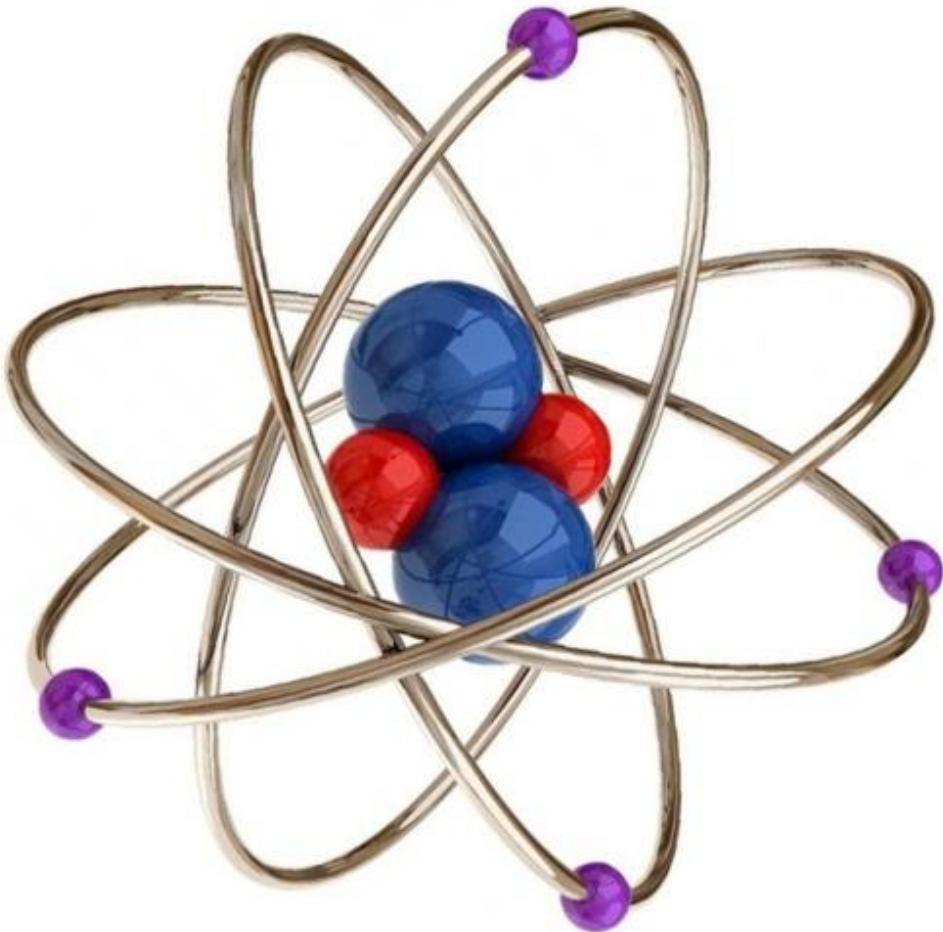


# THE BEST ELECTRICIANS



# «Electrons» & «Protons»



# **Competitions:**

**«Greetings»**

**«Intellectual»**

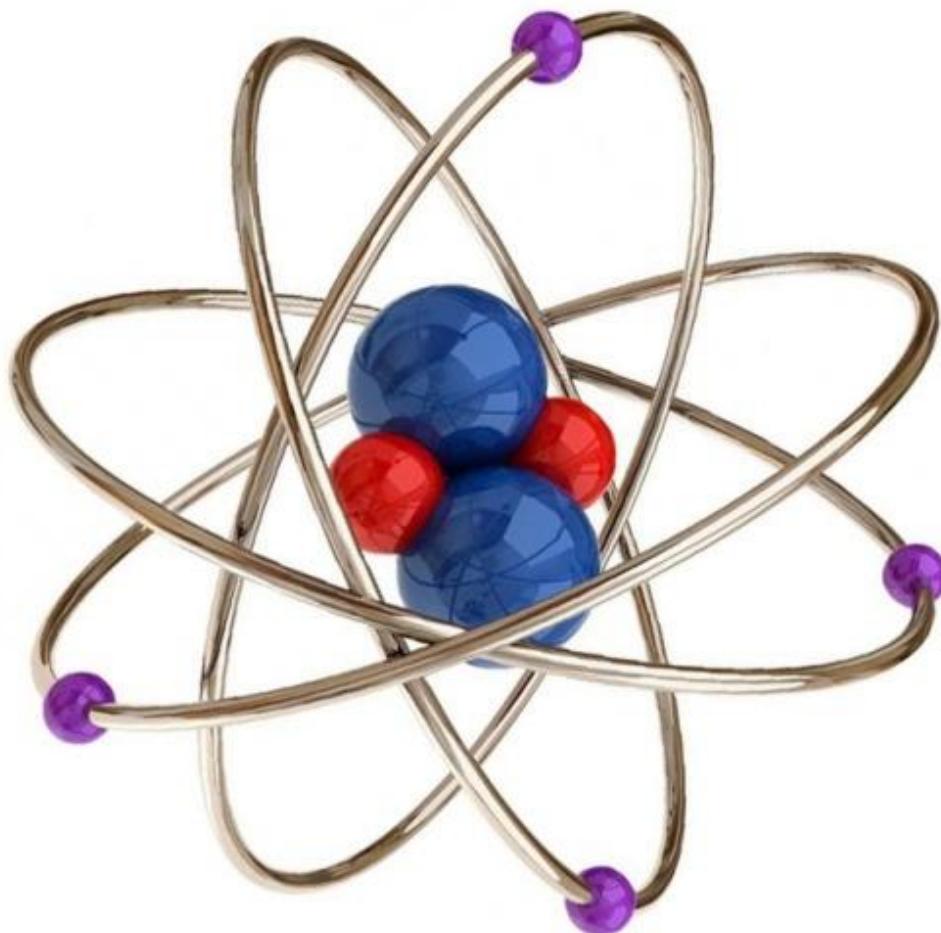
**«Captains»**

**«Crossword»**

**«What is at the picture?»**

**«Homework»**

# Greeting «Electrons»



# **Our motto:**

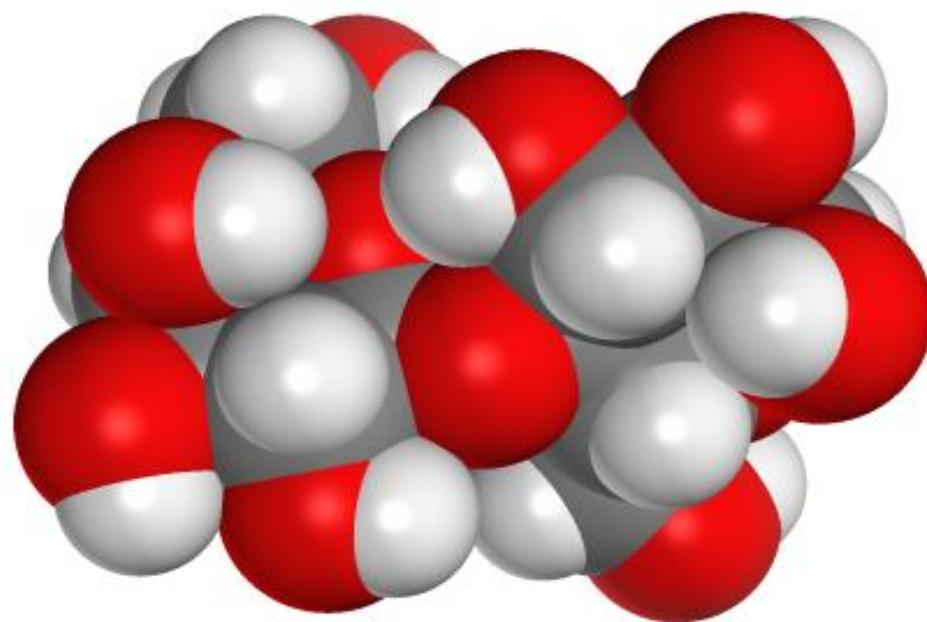
We are the finest in the Centre,

We are the cleverest of all,

And no one is an offender,

And anyone makes never fall.

# Greeting «Protons»



# **Our motto:**

We are the best guys in the world,  
We are good-looking and romantic,  
We have talented skills a lot,  
The game with us will be fantastic.

**Intellectual**

# **«Electrons»**

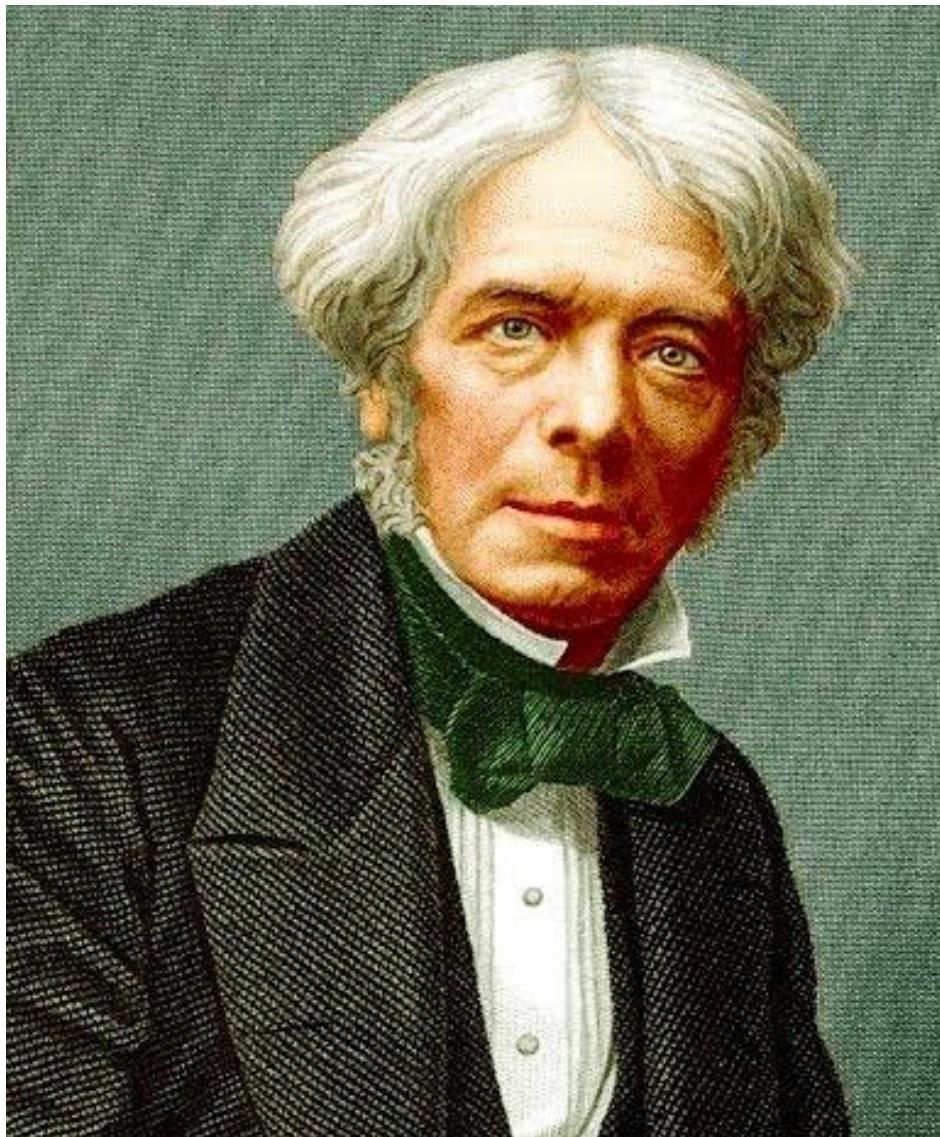
**1. What does the word "electricity" mean in our translation?**

# Amber



*2. What is the name of  
the scientist who built  
the first electric motor  
and electric generator?*

# Michael Faraday



*3. Put the name of  
the insulation on  
the wire brand AC.*

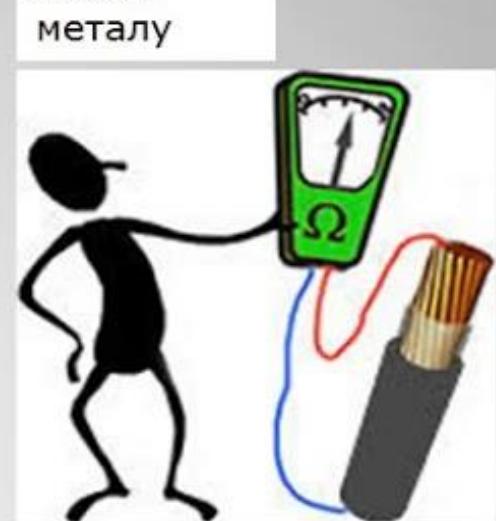
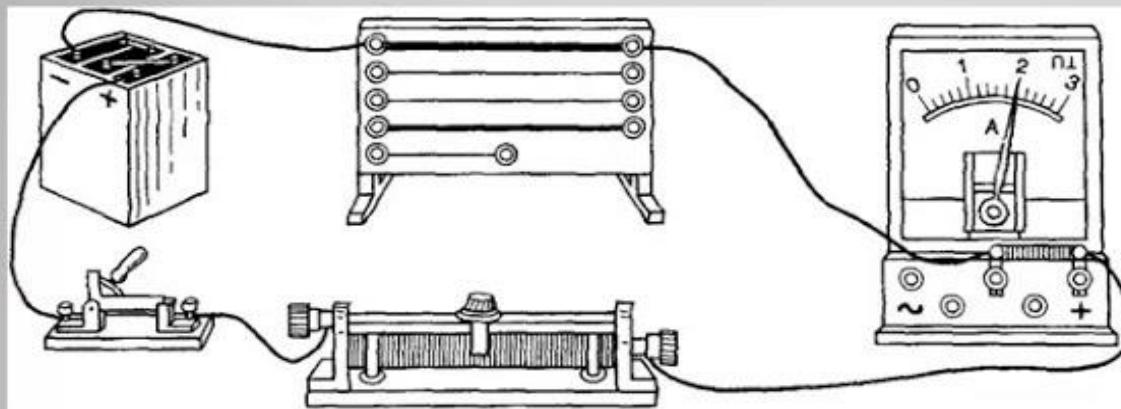
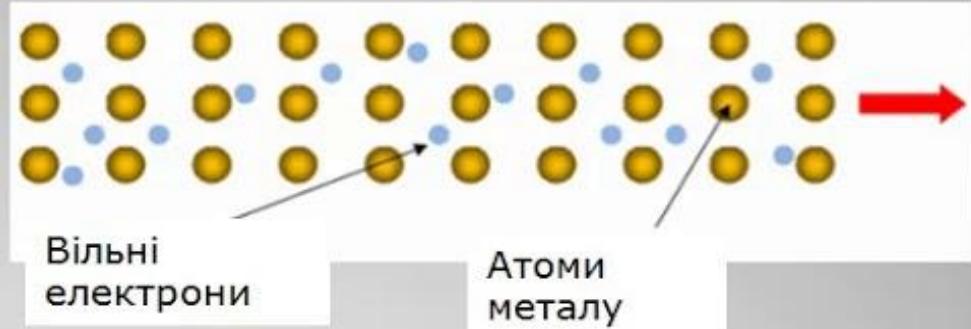
**NOVEMBER**

*4. What is  
measured with  
a logo meter?*

# *Resistance*

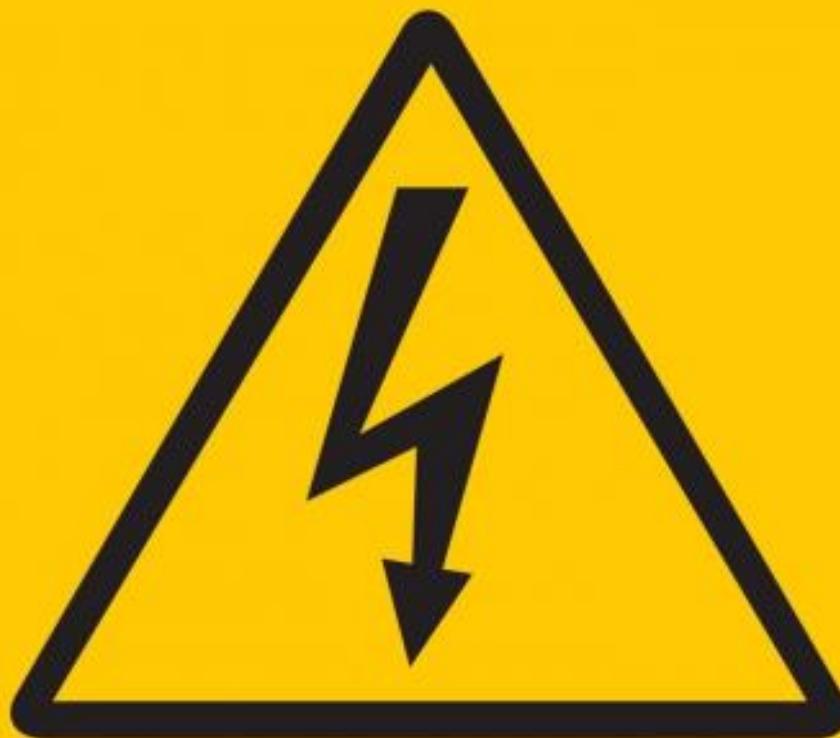
- $R, [R] = 1 \frac{B}{A} = 1 O_m$

- $R = \rho \frac{l}{S}$



**Електричний опір**

**5. What is  
measured with  
a voltmeter?**



**HIGH  
VOLTAGE**

*6. How many  
watts are there  
per kilowatt?*

**1000W**

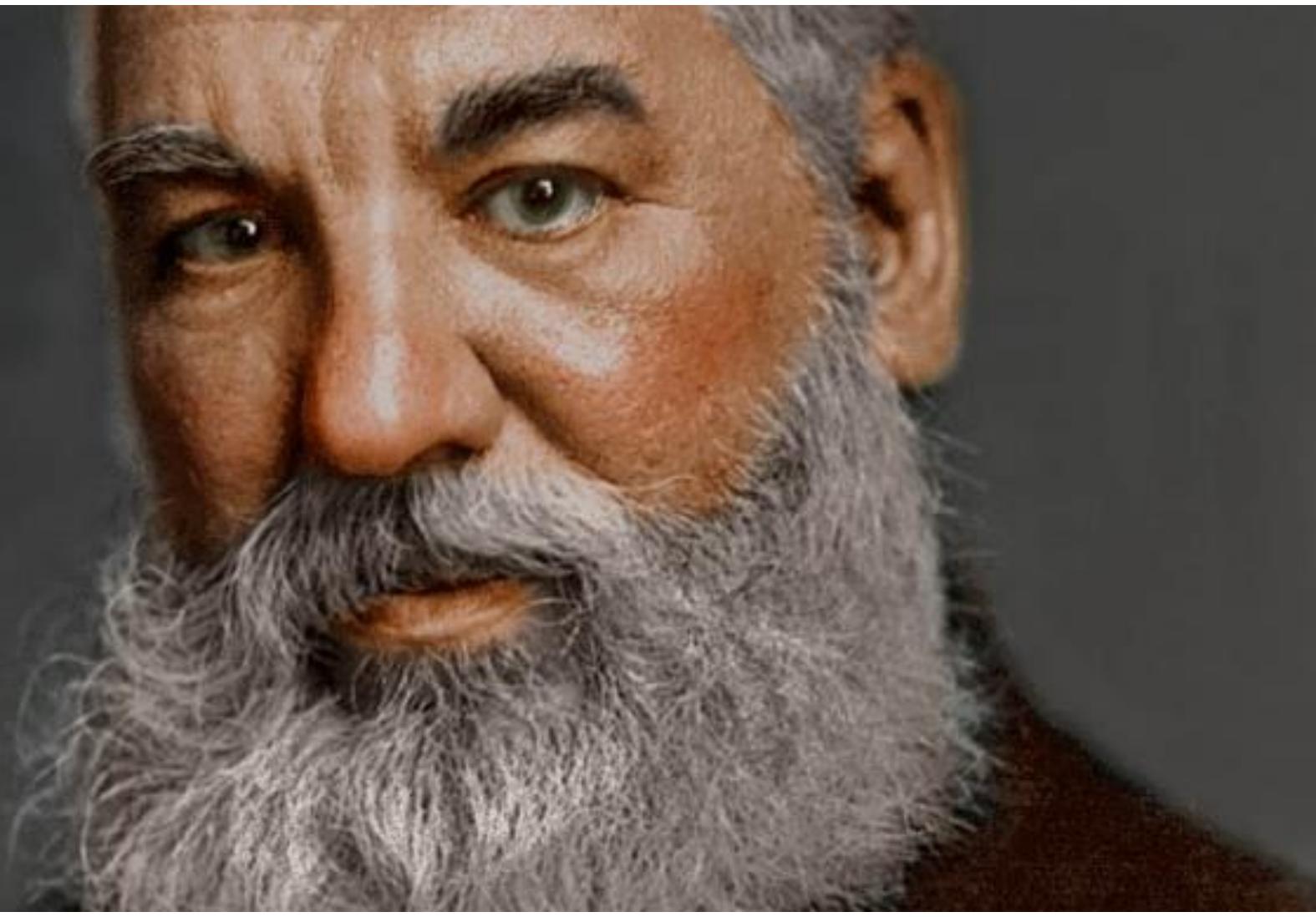
*7. Who had an  
apple on the  
head?*

A portrait painting of Sir Isaac Newton, showing him from the chest up. He has long, wavy, light brown hair and is wearing a dark green robe over a white shirt. The background is dark.

# Sir Isaac Newton

*8. Who is  
considered the  
"father" of the  
phone?*

# Alexander Graham Bell



*9. When and  
where did the  
Internet appear?*

**1965,**

***in the USA***

*10. Put the name  
of the bird that  
winds its nests on  
electric poles?*

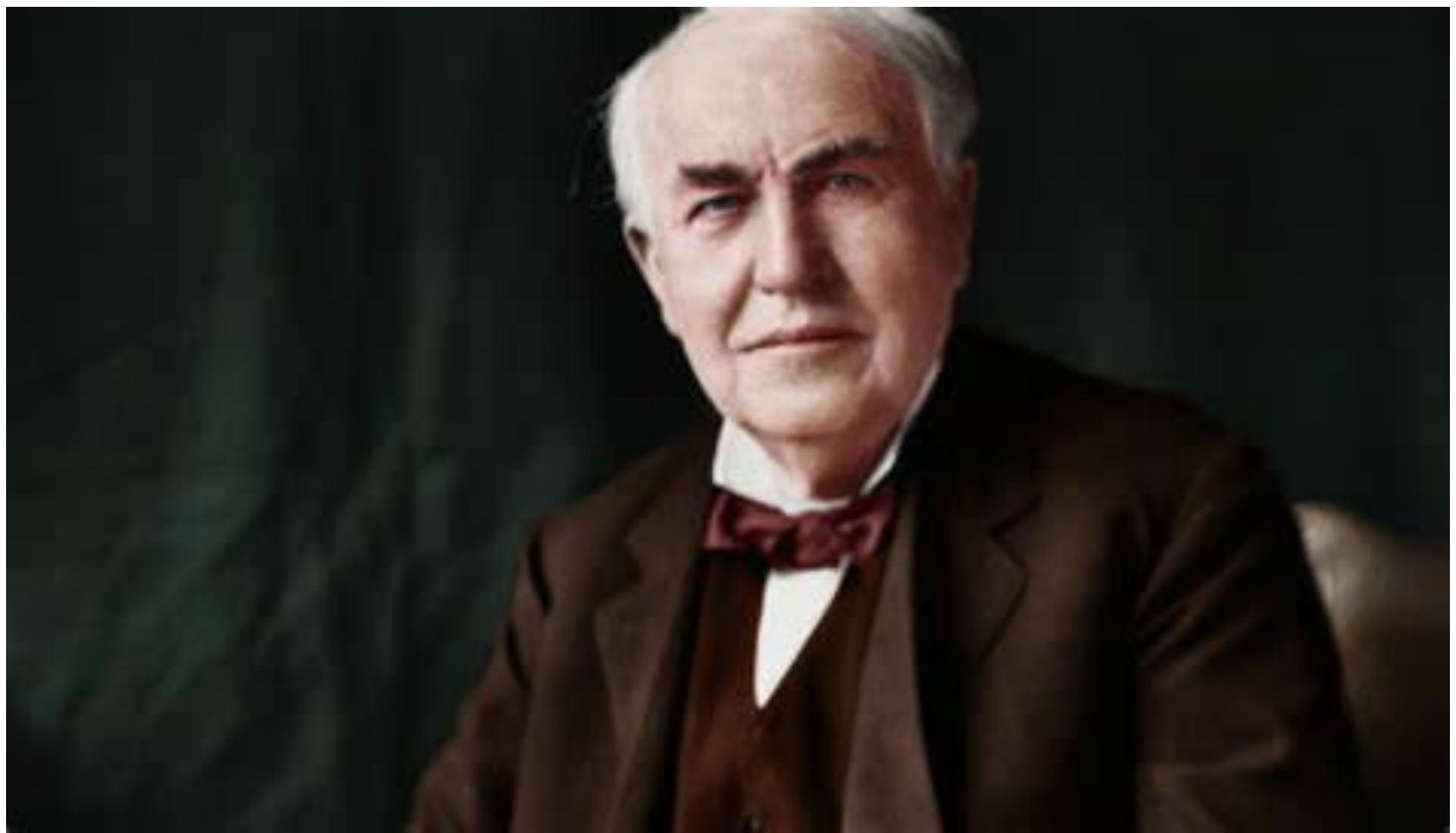
# a stork



# «Protons»

*1. Who was the  
creator of the first  
light bulb?*

# Thomas Edison



*2. Which metal is  
the best conductor of  
electric current?*

79

Au

Gold

196.967

*3. What is the  
name of the  
German physicist  
Ohm?*



GEORG OHM

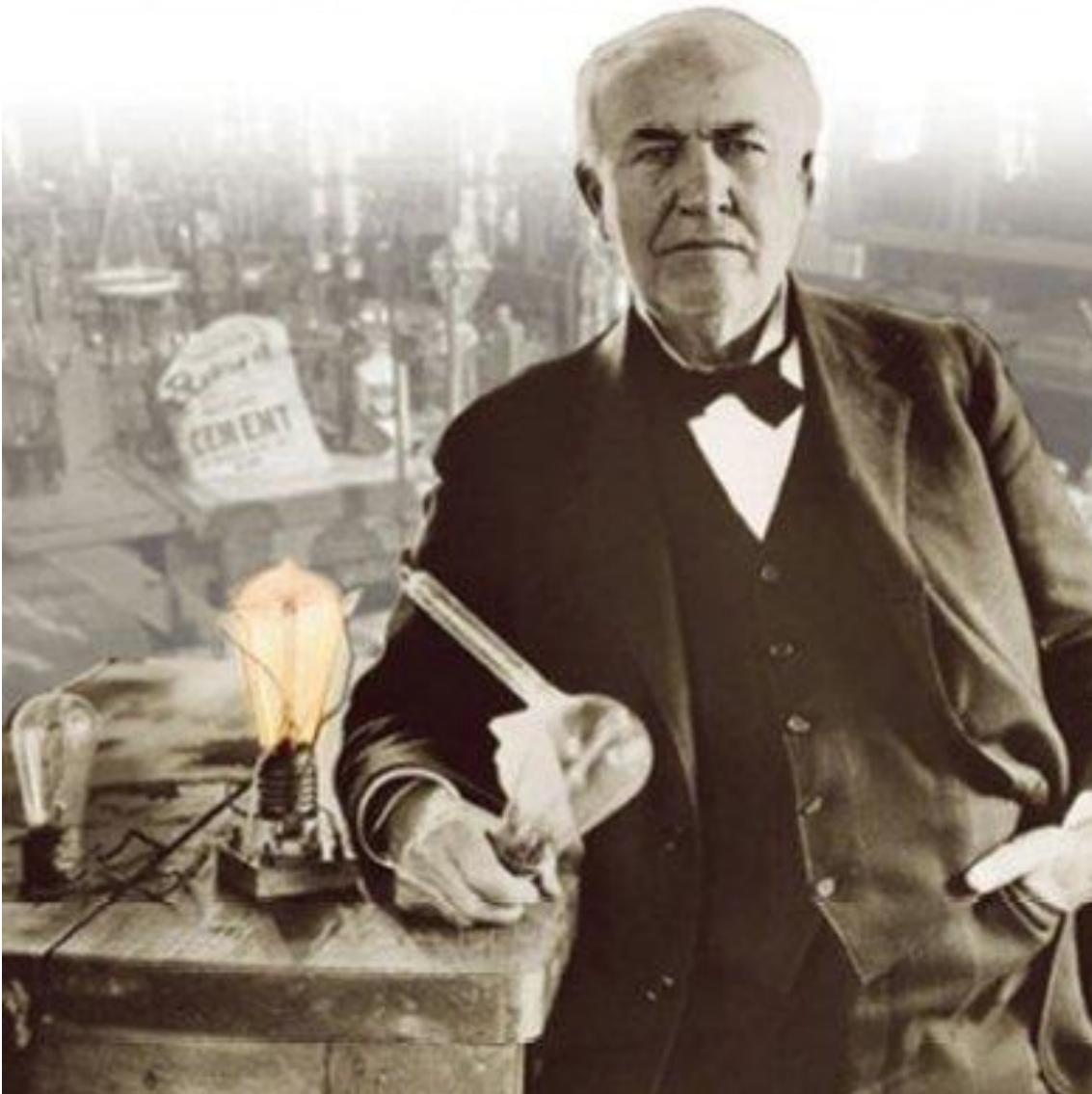
*4. Who invented the  
bicycle?*

# *Carl Drais, in 1815*

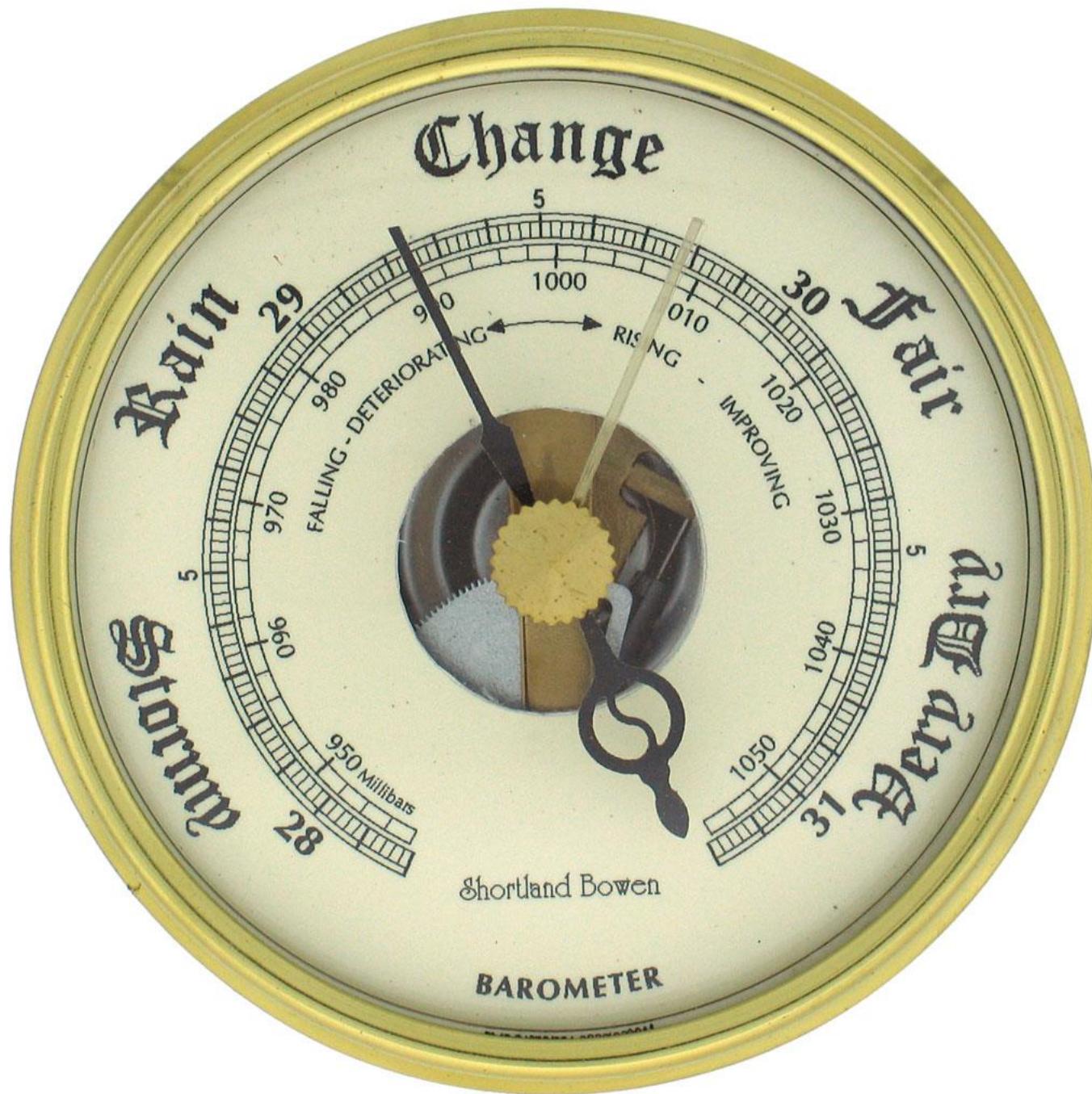


*5. Who invented  
the phonograph?*

# THOMAS EDISON: The Great Inventor



*6. What device  
measures  
atmospheric  
pressure?*



*7.What electrical  
device protects the  
line from  
overvoltage?*

# A circuit breaker



**8.What was  
the first  
mirror?**

# WATER

---



*9. Where can  
you see  
yourself?*

# In the mirror



*10. When did the  
Chernobyl nuclear  
power plant  
explode?*

*In 1986*

The captain of  
«Electrons»

1.He climbs on a pillar  
on claws.

He cuts the wires.

Who is this?

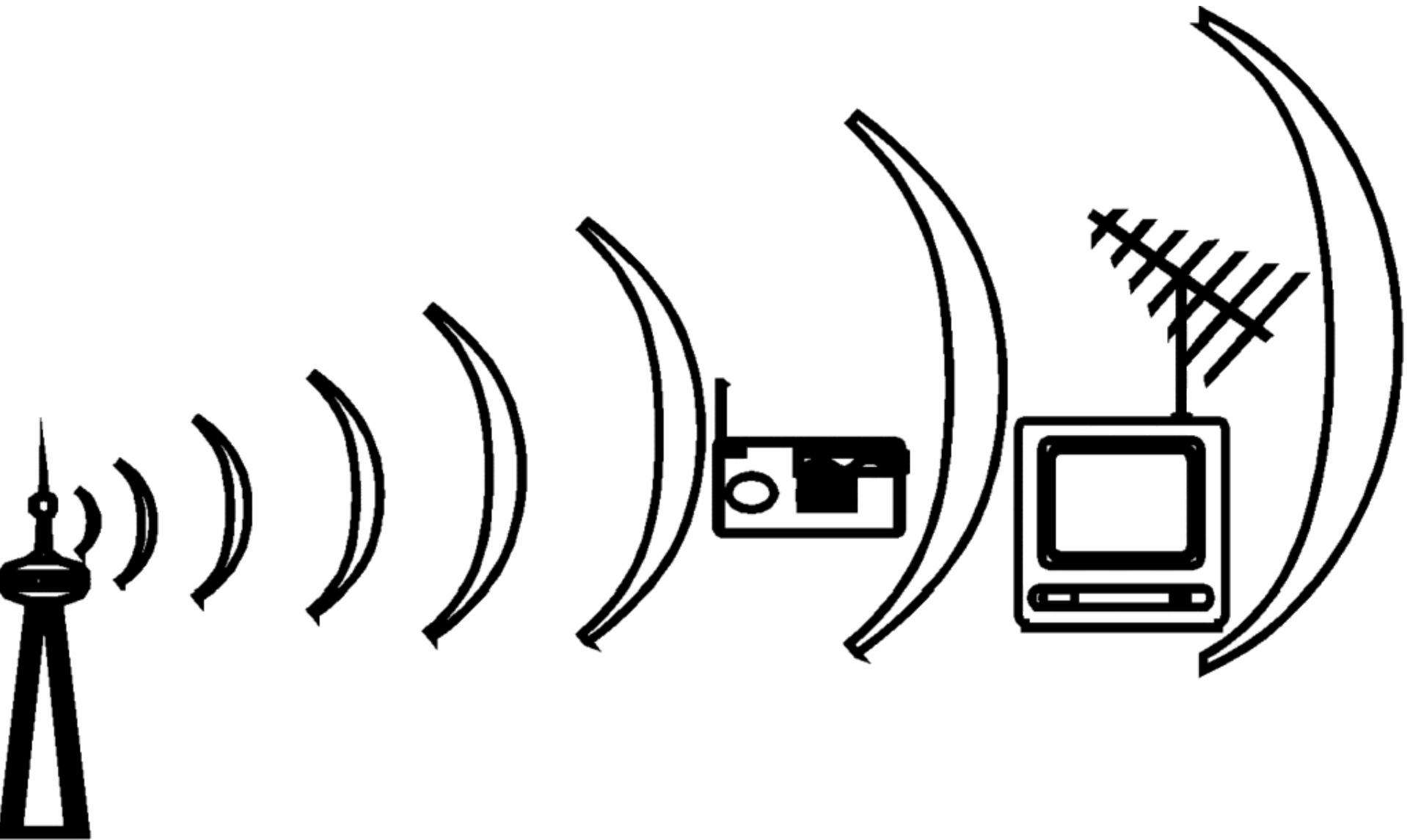
Maybe a thief?

A  
n  
e  
l  
e  
c  
t  
r  
i  
c  
i  
a  
n



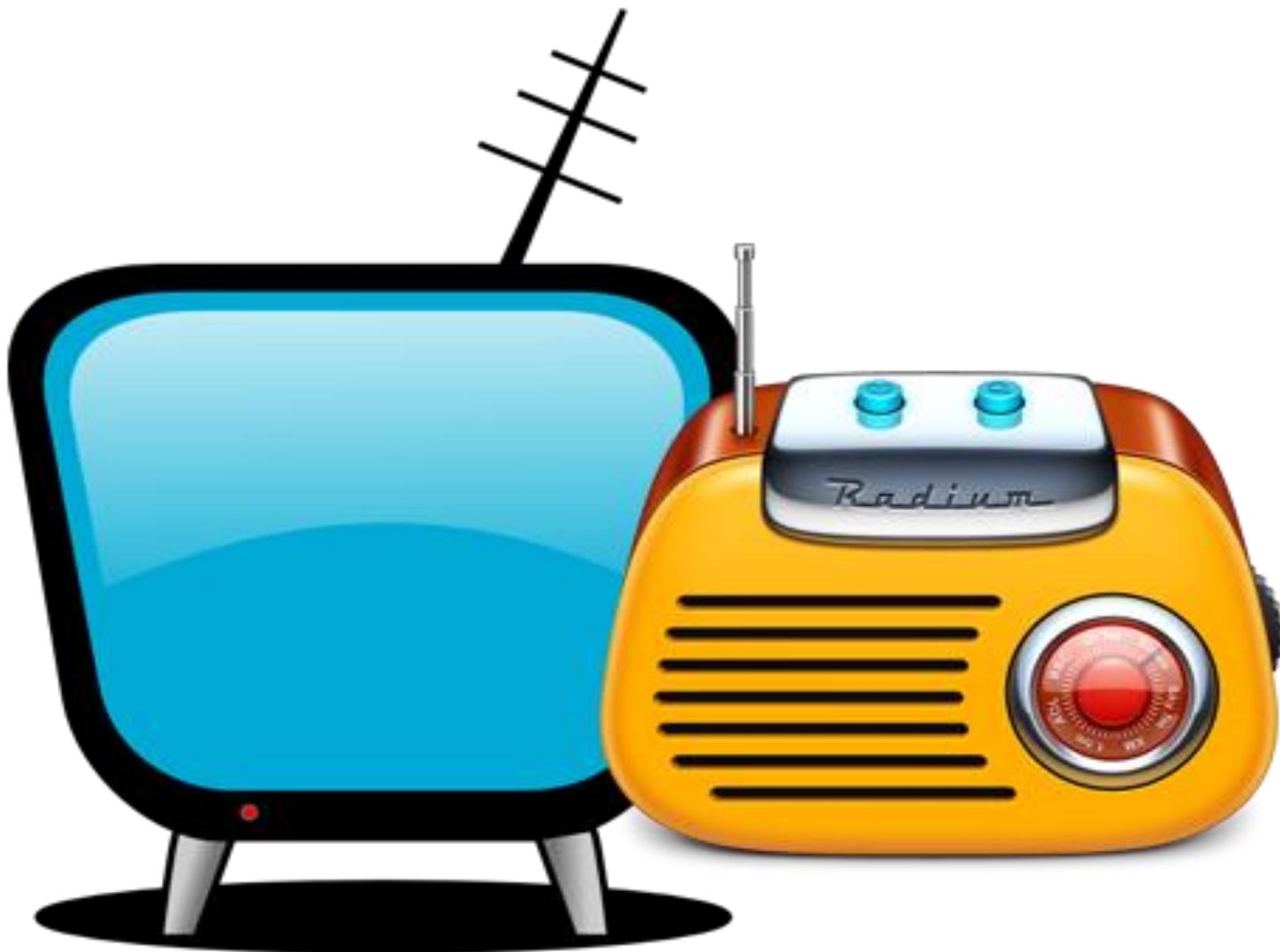
2. Without legs,  
but running,  
without a head,  
but shouting.

# A radio wave



3. It lives without a  
tongue, does not eat or  
drink, but it speaks and  
sings.

# A TV-set or a radio



**4. Dad wears a strange box.**

**The voice of the mother can  
be heard from it. Dad just  
says, “Hello!”**

**“Hello!” - he hears in a  
moment.**

# A mobile phone



# 5. What is this miracle unit?

Can do everything:  
sing, play, read, count,  
become your best  
friend.

# A computer



# Captain

# «Protons»

1. It has got a big drum,  
although it does not play in  
the orchestra. It turned the  
drum, and the linen is snow-  
white.

# A washing machine



2. The pear is  
hanging, but we  
can't eat it.

# A light bulb



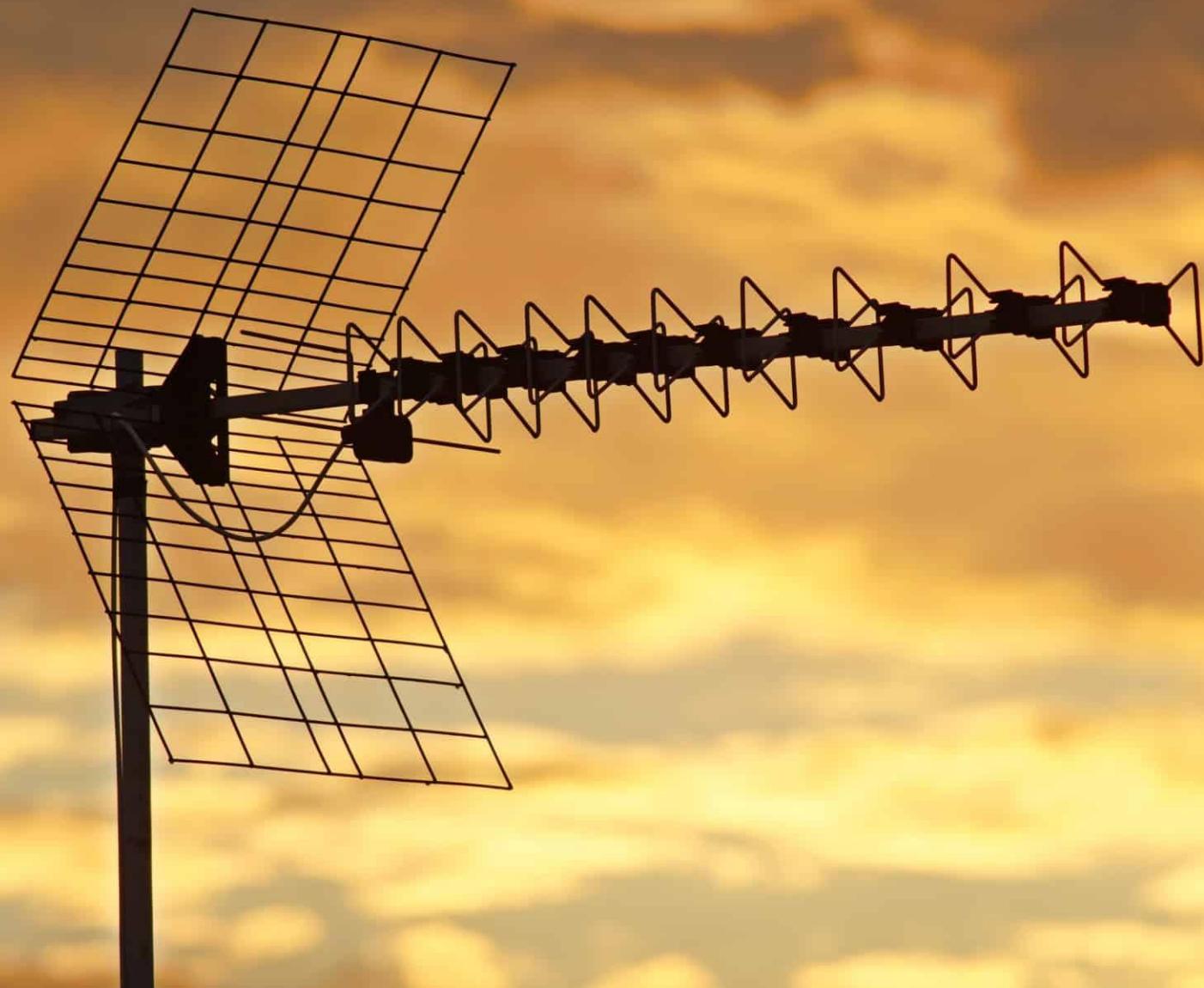
**3. It strokes  
everything it  
touches, and if you  
touch, it bites.**

# AN IRON



*4. I'm standing on the  
roof, hanging my ears,  
hearing the signals  
from satellites all day  
and night.*

# *An antenna*



**5. What shines  
but does not  
heat?**

# An opened refrigerator

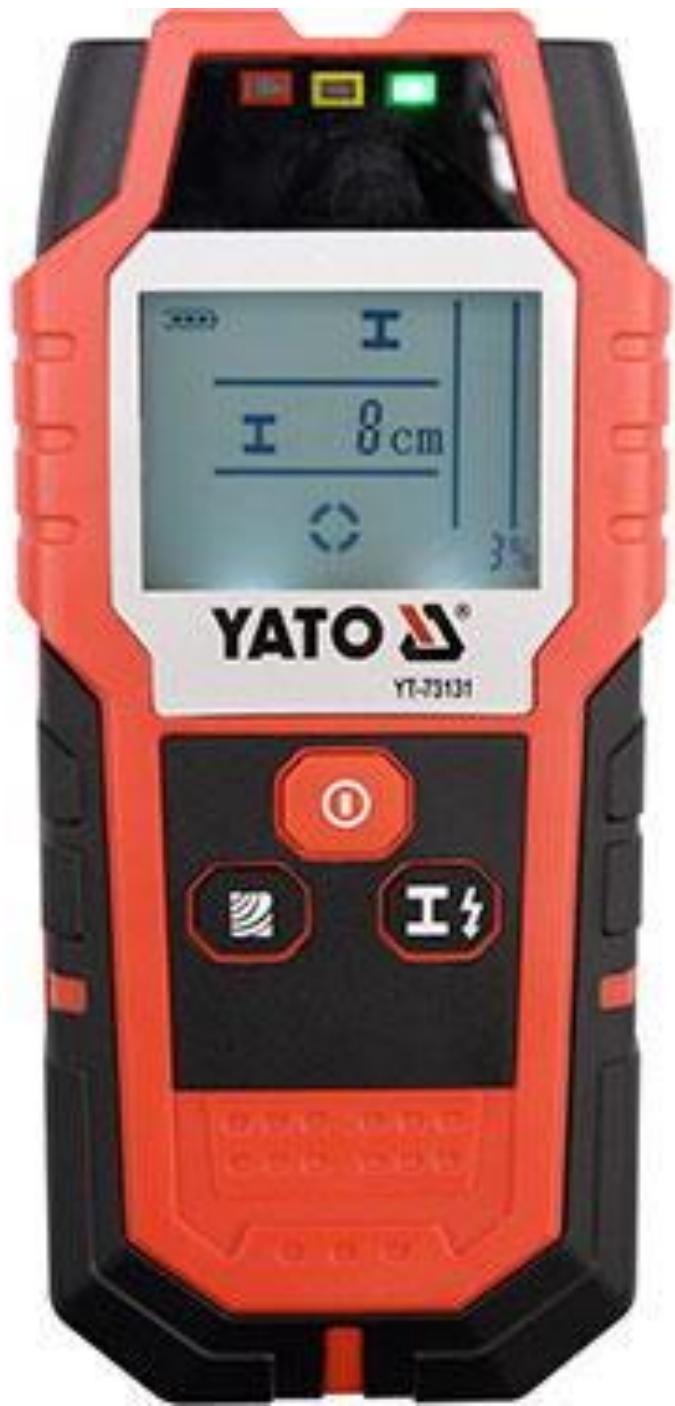


What is at  
the picture?

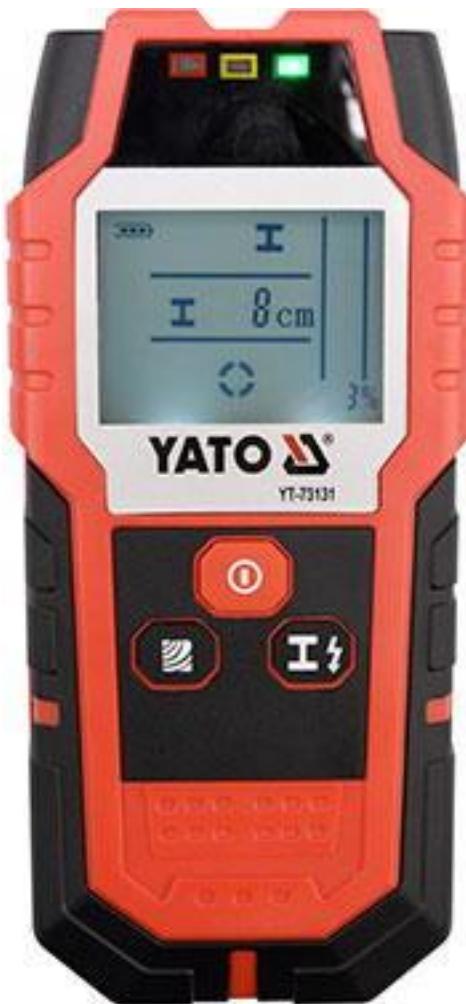


# A screwdriver





# An indicator





# Pliers





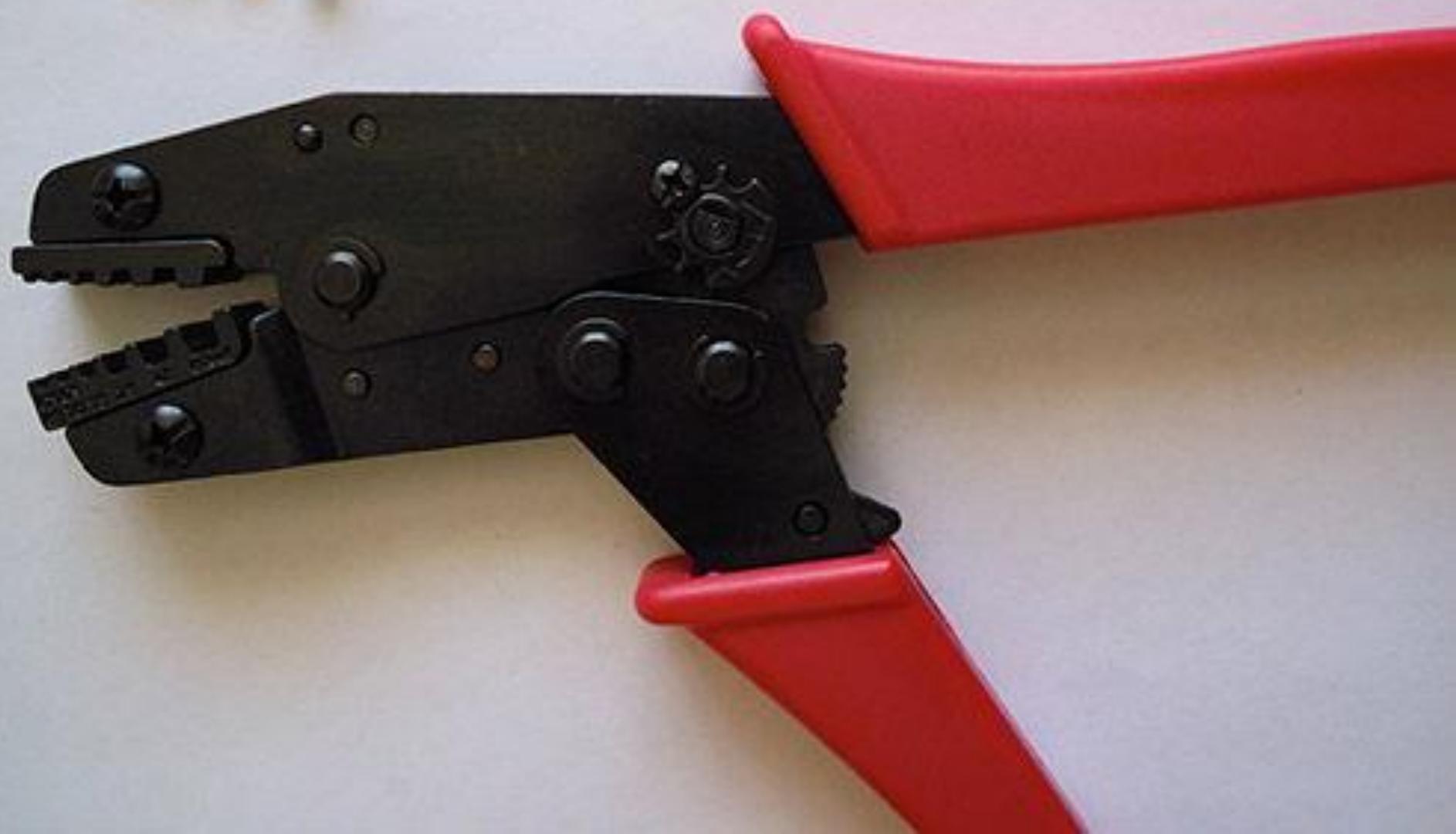
# A starter



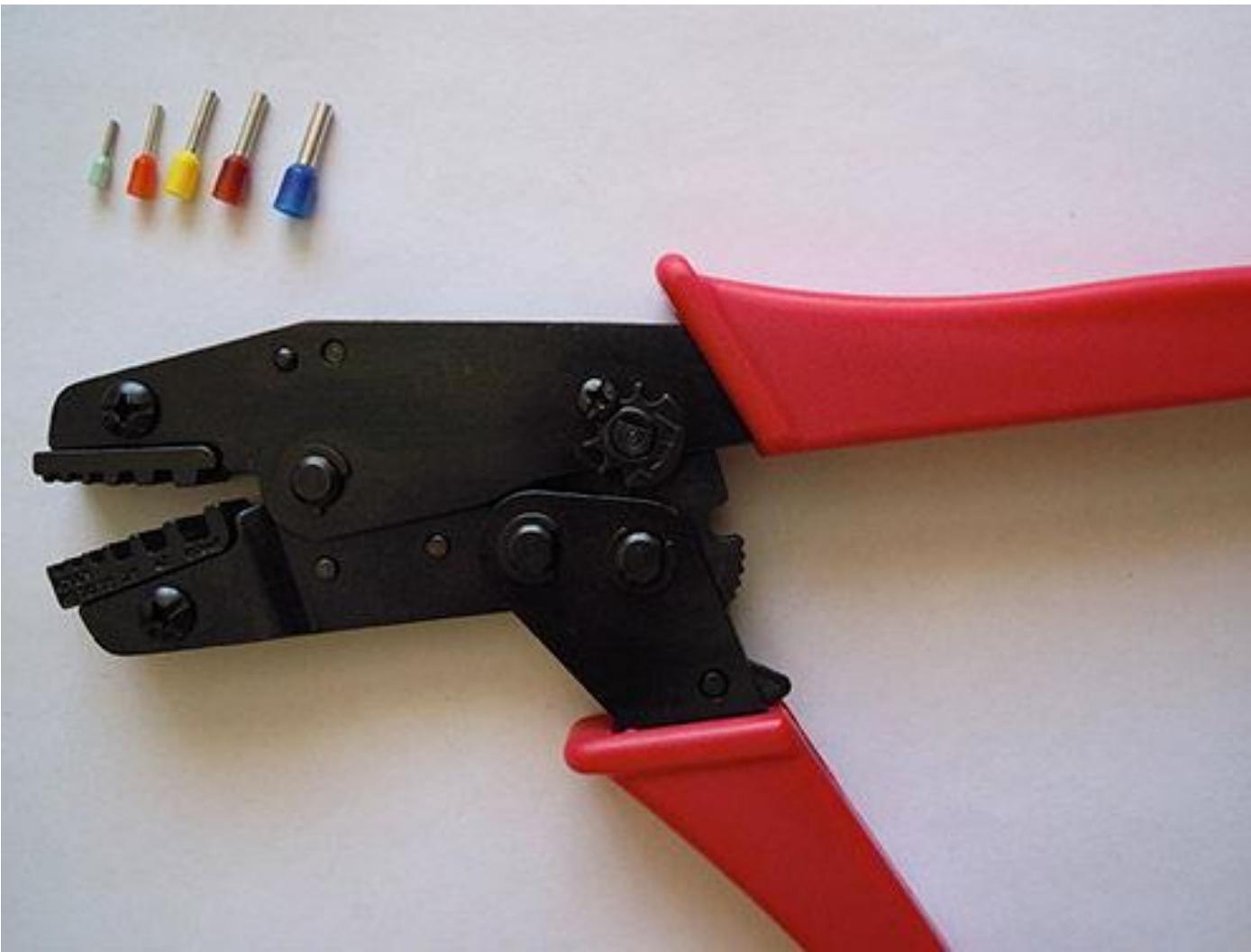


# A stripper



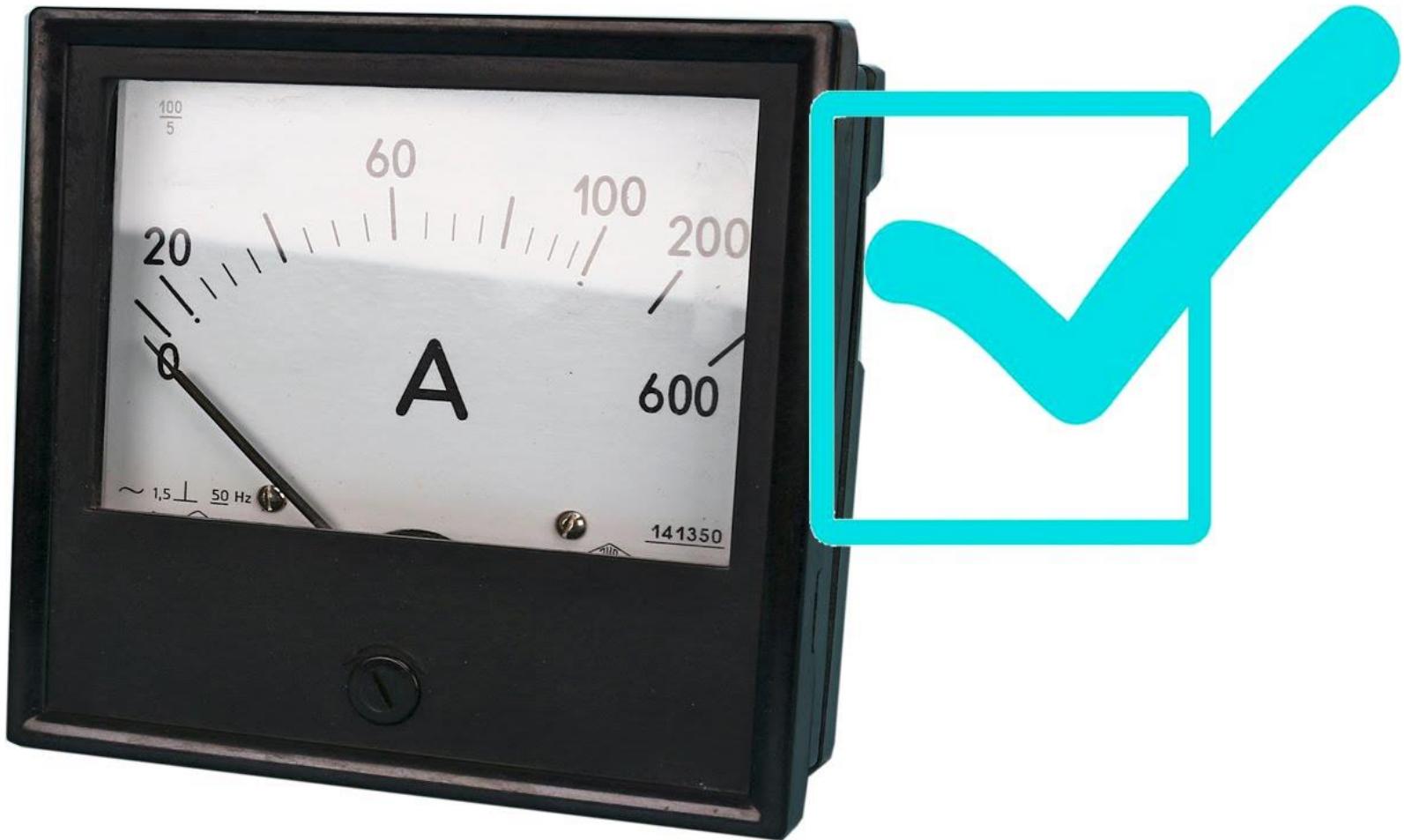


# Crimping pliers





# An ammeter





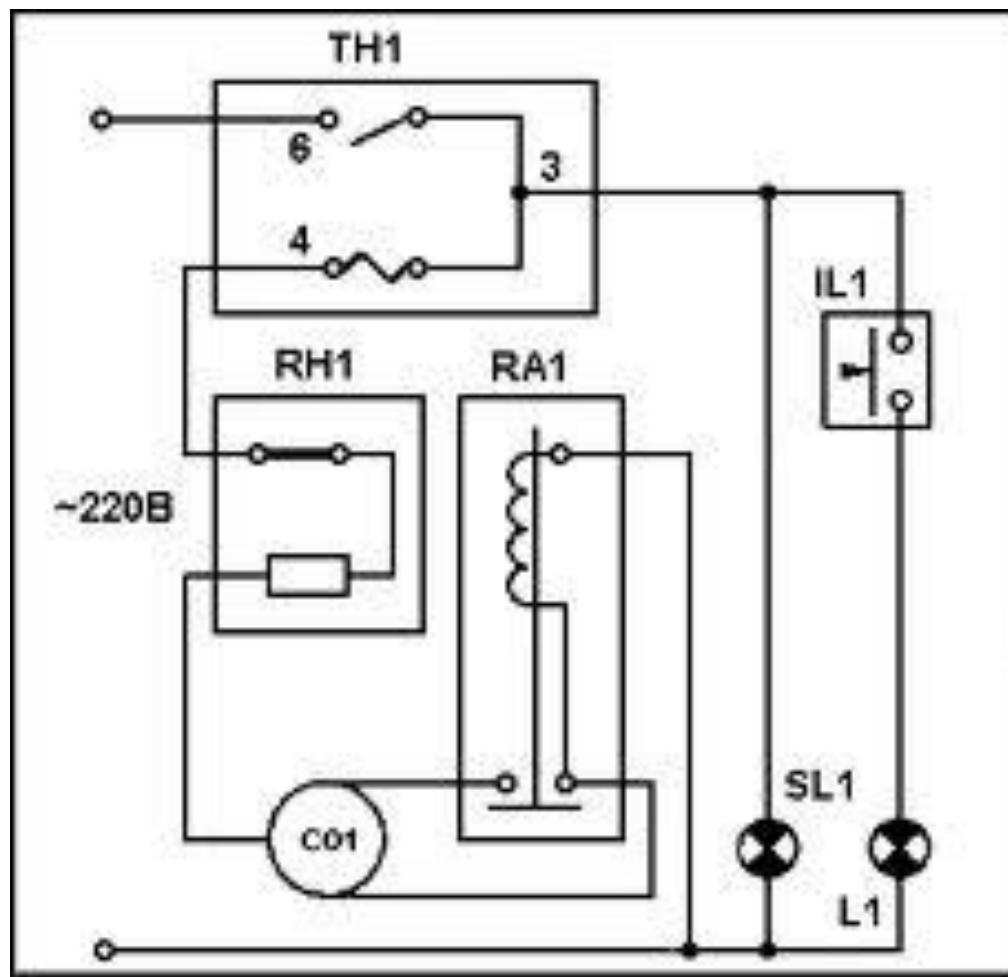
# A voltmeter



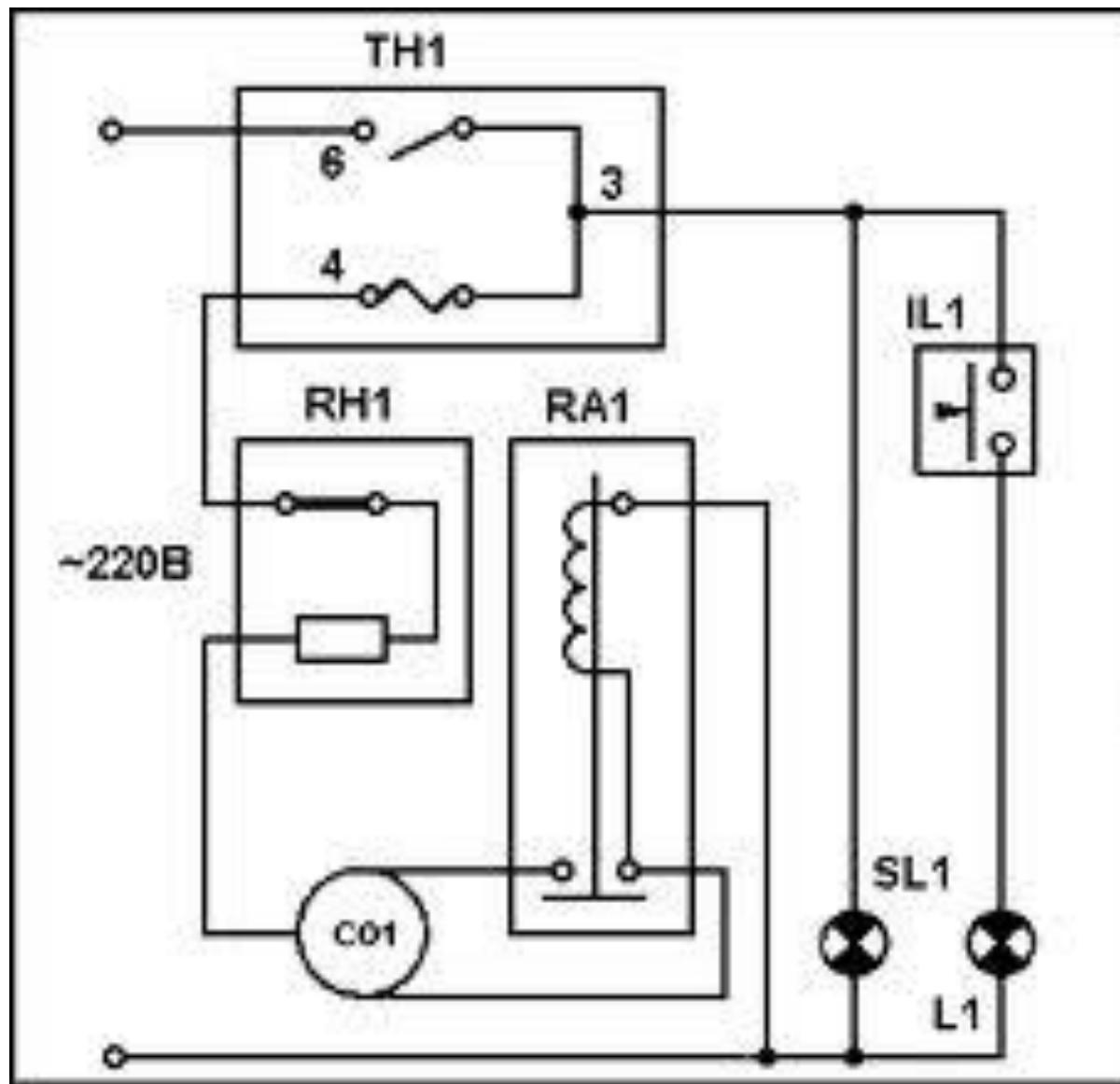




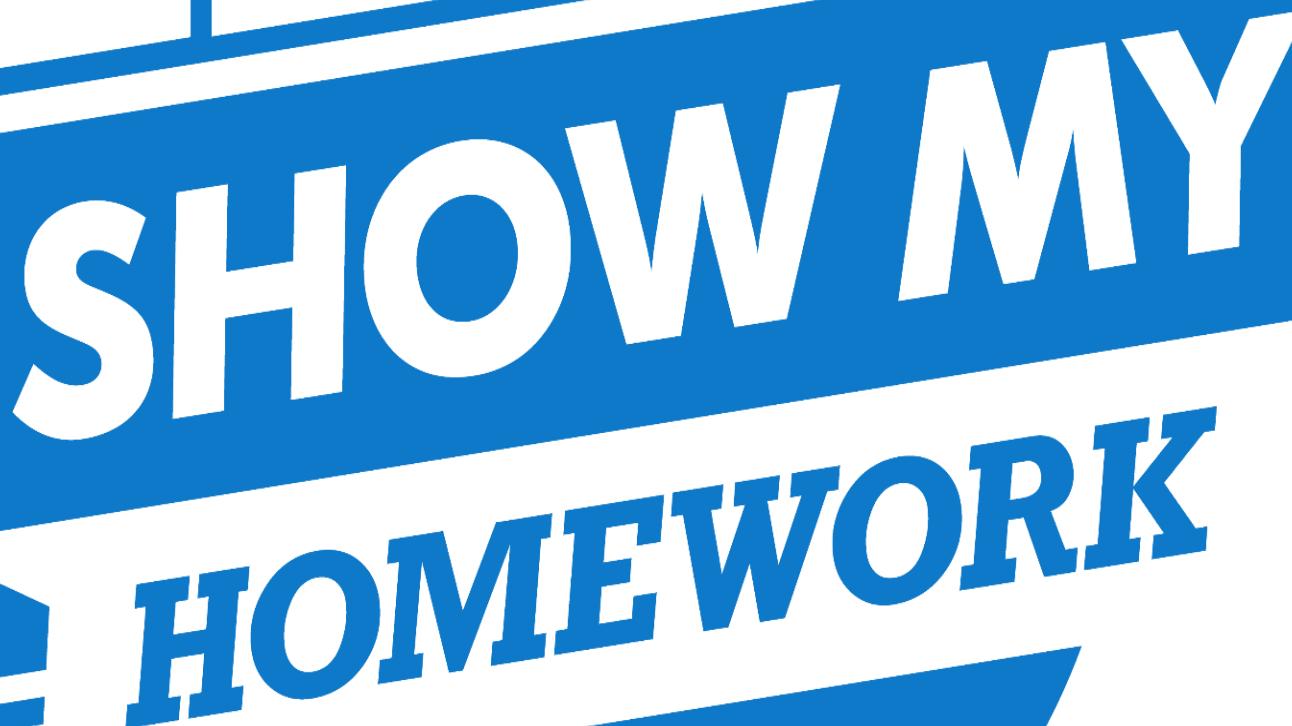
A  
B  
U  
L  
B



# An electrical circuit



TM



SHOW MY  
HOMEWORK

# THE BEST ELECTRICIANS

