

**(1) In pairs.**

**Using the periodic table of elements solve tasks listed below:**

**Give the atomic and mass number of chlorine**

Z=

A=

**Determine the location of the chlorine atom in the periodic table**

group number =

period number =

**Enter the number of particles that build the chlorine atom:**

p =

n=

e=

**Give the atomic and mass number of copper**

Z=

A=

**Determine the location of the copper atom in the periodic table**

group number =

period number =

**Enter the number of particles that build the copper atom:**

p =

n=

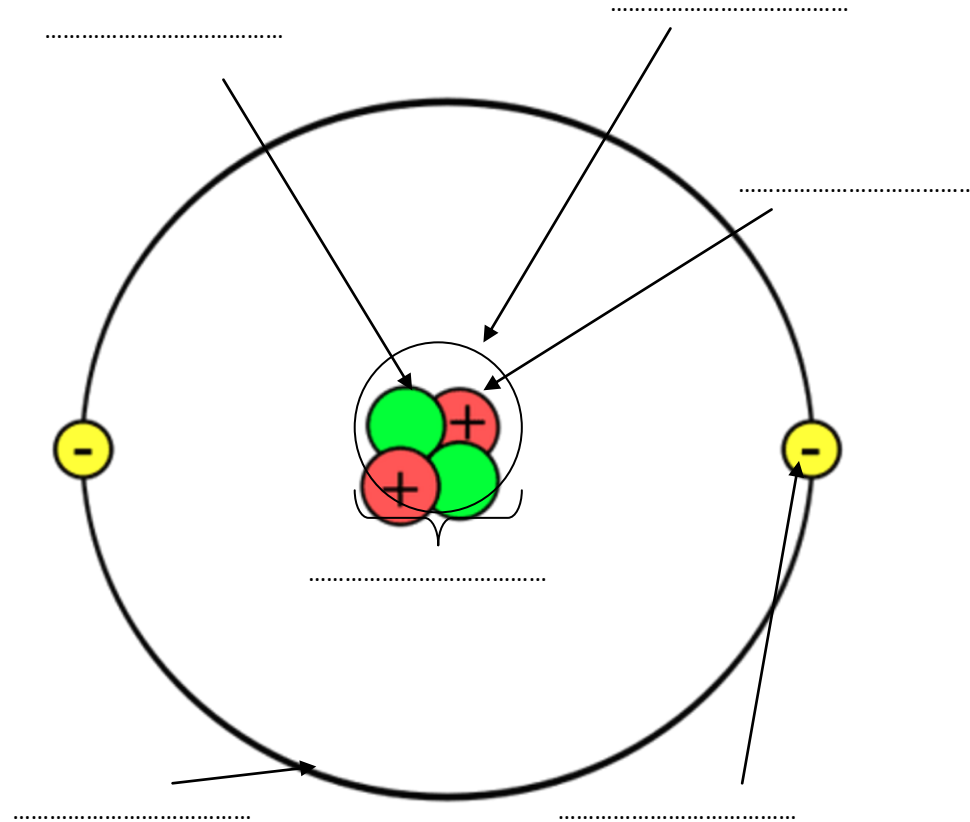
e=

**(2) How to say in English? Write down the appropriate words or phrases.**

- układ okresowy
- numer okresu
- jądro atomowe
- nukleony
- powłoki elektronowe
- masa atomowa
- liczba atomowa
- cząsteczka

**(3) Fill in the scheme by entering names from the following:**

atomic nucleus, electronic shell, nucleons, proton, neutron, electron,



**(4) Write down information about the atom pictured above:**

atomic number                      - .....

mass number                        - .....

valence electrons                - .....

group number                      - .....

period number                    - .....

name of the element            - .....

symbol of the element         - .....