

TASKS:

- Fill in the missing words (proton, neutron, electron, nucleus, period, group)
 - A vertical column in the periodic table is called a (answer: group)
 - A..... is a particle, which has a positive charge. (answer: proton)
 - An..... is the smallest particle, which is found whizzing around the nucleus (answer: electron)
 - A horizontal row in the periodic table is called a (answer: period)
 - The center region of an atom, where you can find protons and neutrons, is called the (answer: nucleus)
 - A..... is a particle, which has a neutral charge (answer: neutron)
- Write how many protons each element has (use the periodic table).
 - Li
 - Na
 - Fe
 - Br
- Write how many valence electrons each element has (use the periodic table).
 - Be
 - Al
 - S
 - K
- Write how many layers of electrons each element has (use the periodic table).
 - O
 - P
 - K
 - Ca
- Write how many protons, neutrons and electrons each element has (use the periodic table).
 - C
 - F
 - Na
 - P
 - S
- Choose the right answer for each question:
 - What is the first element on the periodic table? (answer: b)
 - Helium (He)
 - Hydrogen (H)
 - Lithium (Li)
 - Argon (Ar)
 - Elements in the periodic table are arranged by... (answer: a)
 - Atomic Number
 - Atomic Weight

- c. Number of Neutrons
- d. Chemical Reactivity

3. Which of these is NOT one of the basic particles of an atom? (answer: b)

- a. Electron
- b. Quatron
- c. Proton
- d. Neutron

4. Which atomic particles form the nucleus of an atom? (answer: c)

- a. Electron and Proton
- b. Neutron and Electron
- c. Proton and Neutron

5. There is no particle of matter smaller than an atom. (answer: b)

- a. True
- b. False

6. Which of these is not a major part of an atom? (answer: d)

- a. Electrons
- b. Protons
- c. Neutrons
- d. All are parts of an atom

7. An ion is a form of an atom with a different number of... (answer: a)

- a. Electrons
- b. Protons
- c. Neutrons
- d. All of the above