

QUIZIZZ Worksheets**structure of atom**

Total questions: 20

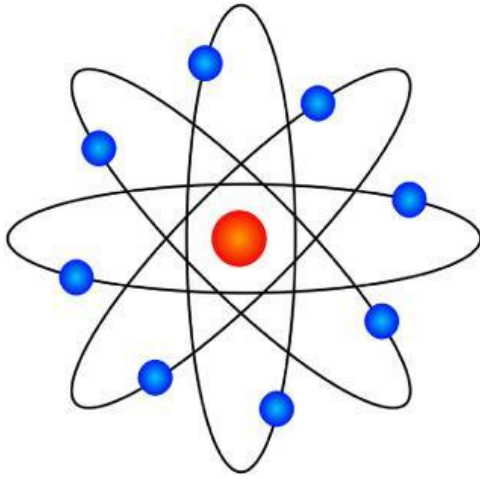
Worksheet time: 10mins

Instructor name: Lobna Sergany

Name Class Date

1. Subatomic particles with a negative charge
 - a) Quarks
 - b) Protons
 - c) Neutrons
 - d) Electrons
2. Value representing the number of protons in an element
 - a) Mass Number
 - b) Valence Electrons
 - c) Atomic Number
3. Subatomic particles that are neutral in charge
 - a) Nucleus
 - b) Electrons
 - c) Neutrons
 - d) Protons
4. The force that hold the atom together. it is between the oppositely charged particles
 - a) kinetic force
 - b) gravitational force
 - c) electrostatic force
 - d) nuclear force
5. All matter is made of
 - a) atoms
 - b) chemistry
 - c) air
 - d) energy
6. True or False - Protons and Neutrons have about the same mass.
 - a) False - They do not have about the same mass
 - b) True - They have about the same mass

7.



Where are the Electrons found in the structure of an atom?

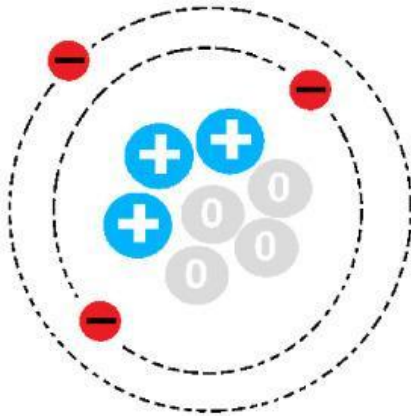
- a) In the nucleus b) In spaces around the nucleus

8. What holds the protons inside the nucleus?

- a) the nuclear force of the neutrons b) the electric force between electrons and protons
c) the number of protons d) the number of electrons

9.

Lithium



What is the **atomic number** of this atom?

- a) 3 b) 1
c) 4 d) 7

10. a pure form of matter that cannot be broken into other elements.

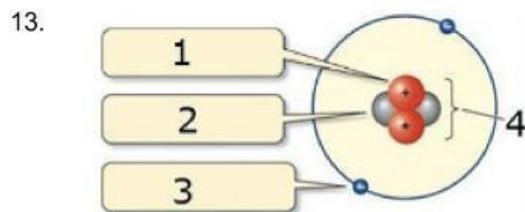
- a) Atomic Number
- b) Element
- c) Mass Number

11. A state of matter that has a definite volume and shape.

- a) solid
- b) matter
- c) gas
- d) liquid

12. The amount of space something takes up

- a) volume
- b) density
- c) matter
- d) mass



What number indicates an electron?

- a) 1
- b) 2
- c) 3
- d) 4

14. Which two particles make up the nucleus of an atom?

- a) Molecules and Compounds
- b) Protons and Electrons
- c) Protons and Neutrons
- d) Neutrons and Electrons

15. What is at the center of every atom?

- a) A molecule
- b) An electron
- c) A nucleus
- d) A compound

16. What is the smallest unit of matter?
- a) An atom
 - b) An element
 - c) A speck of dust
 - d) A drop of water
17. Neutrons have a _____ charge.
- a) Neutral, or no charge
 - b) Positive
 - c) Neutron? I don't know what that is!
 - d) Negative
18. Which charge does a proton have?
- a) Negative
 - b) No charge- battery is dead
 - c) Positive
 - d) Neutral
19. Where are electrons found?
- a) Outside the nucleus
 - b) Under my bed
 - c) Inside the nucleus
 - d) Inside a proton
20. Which of these are parts of the atom?
- a) Protons, ProAthletes, Neutrons
 - b) Oxygen
 - c) Mitochondria, Electrons, Protons
 - d) Neutrons, Protons, Electrons