



structure of atom  
20 Questions

NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1. Subatomic particles with a negative charge

 A Electrons B Neutrons C Protons D Quarks

2. Value representing the number of protons in an element

 A Atomic Number B Valence Electrons C Mass Number

3. .  
Subatomic particles that are neutral in charge

 A Nucleus B Electrons C Protons D Neutrons

4. The only element with no neutrons in its nucleus.

 A Lithium B Hydrogen C Helium D Oxygen

5. All matter is made of

 A energy B atoms C air D chemistry

6. True or False - Protons and Neutrons have about the same mass.

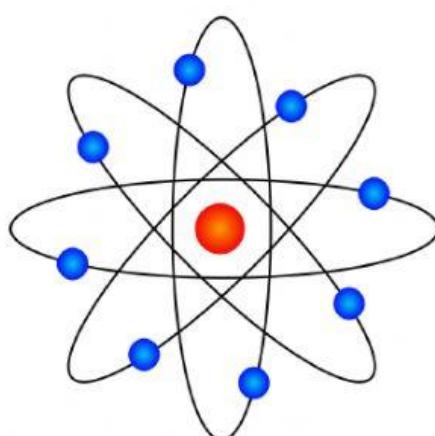
 A

True - They have about the same mass

 B

False - They do not 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 is the **mass number**?

 A

the number of neutrons

 B

the number of protons and electrons

 C

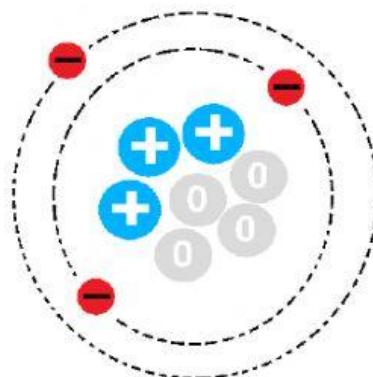
the number of protons

 D

the number of protons and neutrons

9.

## Lithium



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

<input type="checkbox"/> A	4	<input type="checkbox"/> B	7
<input type="checkbox"/> C	1	<input type="checkbox"/> D	3

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

<input type="checkbox"/> A	Atomic Number	<input type="checkbox"/> B	Mass Number
<input type="checkbox"/> C	Element		

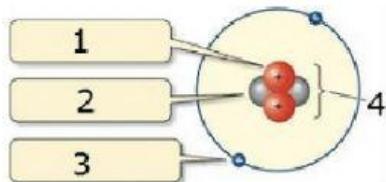
11. A state of matter that has a definite volume and shape.

<input type="checkbox"/> A	solid	<input type="checkbox"/> B	liquid
<input type="checkbox"/> C	gas	<input type="checkbox"/> D	matter

12. The amount of space something takes up

<input type="checkbox"/> A	volume	<input type="checkbox"/> B	density
<input type="checkbox"/> C	mass	<input type="checkbox"/> D	matter

13.



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

Protons and Electrons

 B

Protons and Neutrons

 C

Molecules and Compounds

 D

Neutrons and Electrons

15. What is at the center of every atom?

 A

An electron

 B

A compound

 C

A molecule

 D

A nucleus

16. What is the smallest unit of matter?

 A

An element

 B

A drop of water

 C

A speck of dust

 D

An atom

17. Neutrons have a \_\_\_\_\_ charge.

 A

Neutral, or no charge

 B

Positive

 C

Negative

 D

Neutron? I don't know what that is!

18. Which charge does a proton have?

A Neutral

B Negative

C No charge- battery is dead

D Positive

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 Neutrons, Protons, Electrons

C Mitochondria, Electrons, Protons

D Oxygen