

Name:

ATOMIC STRUCTURE

1 Use the words in the box to answer the following questions.

electron, neutron, nucleus, proton, shells



- (a) The central part of an atom is called the
- (b) The has a negative charge
- (c) The has no charge
- (d) The nucleus contains the and the
- (e) Electrons are found in
- (f) The and the have the same mass.

2 An atom contains 32 protons and 48 neutrons.

- (a) What is its atomic number?
- (b) How many electrons does it have?
- (c) What is the mass of the atom?

3 Complete the table to show the missing numbers of particles in the atoms A - E.

Atom	Protons	Neutrons	Electrons	Mass
A	20			40
B			21	45
C		24		44
D	19	21		
E			22	45

Which two atoms are isotopes of the same element? and

4 Complete the table to show the missing information:

Atom	Atomic number	Electron arrangement	Group in the Periodic Table	Period in the Periodic Table
P		2, 8, 7		
Q	11			
R			4	2
S			3	3

Atomic Structure Test Questions

Yan Bai



Atomic Structure Test Questions:

The Enigmatic Realm of **Atomic Structure Test Questions**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **Atomic Structure Test Questions** a literary masterpiece penned with a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of those that partake in its reading experience.

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