

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

JL Elias



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