1. **An element with a mass number of 11 and an atomic number of 5 has how many neutrons?**

11
5
6
16

2. An atom has 10 protons, 15 neutrons and 10 electrons what is its mass number.

20
10
5
25

3.Most of the mass of an atom is contained here.

electron orbitals
nucleus
shells
atomic

4.How many electrons are in a neutral atom of sodium?

11
12
23
46

5.Where can you find most of an atom's mass?

In the electron cloud
in the orbitals around the nucleus
in the nucleus
in a doctor's office

6. The subatomic particles of an atom include all of the following EXCEPT
protons
elements
neutrons
electrons

7. What does the atomic number of an element represent?
number of protons in an atom
number of neutrons in an atom
mass of an atom
charge of an atom

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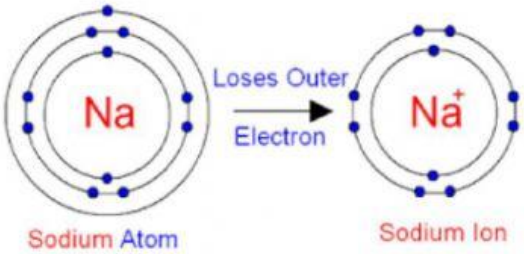
8. The nucleus of an atom contains 12 protons and 13 neutrons. If the atom is electrically neutral, how many electrons does this atom have?

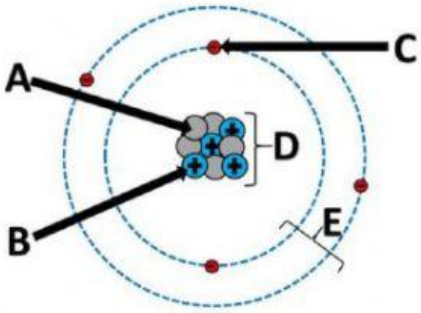
13
12
14
20

9.When there are more protons than electrons in an atom it is a...



positive ion.
negative ion.
unstable isotope.
neutral atom.

10. Which letter represents a proton?



A
B
C
D

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