

Atoms (Study Guide)

Fill in the blanks with the correct answers:

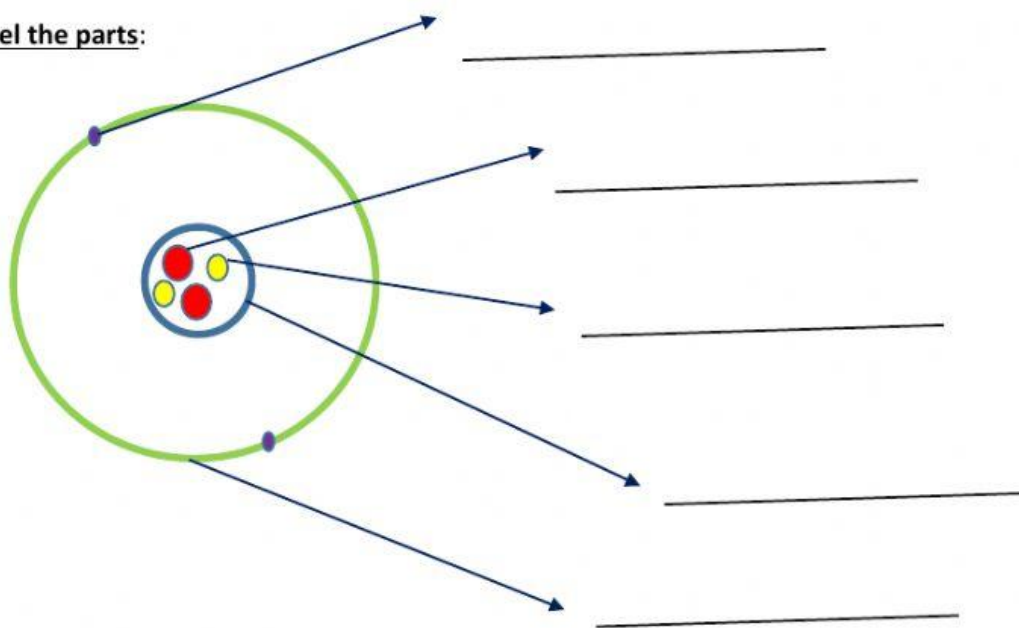
1. All matter is made up of _____.
2. _____ are the basic building blocks of matter.
3. Atoms come together to form _____.
4. The smallest part of matter that still has the same properties of that matter is an _____.
5. Matter with one type of atom is called _____.
6. Matter with two or more elements is called _____.
7. The three subatomic particles found in an atom are _____ which have a _____ charge, _____ which have a _____ charge and _____ which have a _____ charge.
8. _____ are the biggest and the heaviest subatomic particles.
9. _____ are the smallest subatomic particles.
10. The center of an atom is called the _____ and it has _____ and _____.
11. Spinning around the center are the _____.
12. In a stable atom the number of _____ is equal to _____.
13. The number of protons = _____.
14. The number of protons + the number of neutrons = _____.
15. The number of neutrons = _____ - _____.

Label the following:

6	Carbon
C	
12.01	

1. Name of the element _____
2. Symbol of the element _____
3. Atomic Number = _____
4. Atomic Mass = _____
5. # Number of Protons = _____
6. # Number of Electrons = _____
7. # Number of Neutrons = _____

Label the parts:



Complete the following:

Name	Symbol	Atomic Number	Atomic Mass	# of Protons	# of Electrons	# of Neutrons
Carbon						
	Fe					
Chromium						
	Si					
Boron						