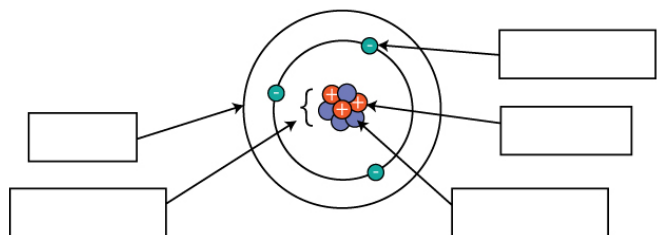


Labelling Atomic Structure

Label the different parts of an atom shown below. Also, fill in the missing information.



Atomic Shell number	Electrons it can hold
1	
2	
3	

Subatomic particle	Charge	Mass	Location in atom
	-1		
	0	1	
			Nucleus

_____ : The total number of _____ & _____

Atomic Symbol : _____

_____ Number: Number of _____ which is equal to the number of _____

7
Li
3

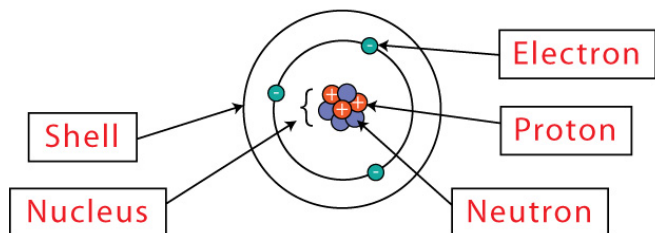
Fill in the blanks.

- The atomic number is the number of _____ in the nucleus.
- The mass number is the number of _____ and _____ in the nucleus.
- In an atom, the number of electrons is _____ as the number of protons.
- In a positively charged ion, the number of electrons is _____ the number of protons.
- In a negatively charged ion, the number of electrons is _____ the number of protons.

Labelling Atomic Structure

Answers

Label the different parts of an atom shown below. Also, fill in the missing information.



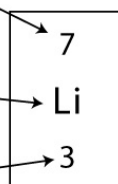
Atomic Shell number	Electrons it can hold
1	2
2	8
3	8

Subatomic particle	Charge	Mass	Location in atom
Electron	-1	0	Electron shell
Neutron	0	1	Nucleus
Proton	+1	1	Nucleus

Mass number : The total number of Proton & Neutron

Atomic Symbol : Representation of element

Atomic Number: Number of Protons which is equal to the number of electrons



Fill in the blanks.

- The atomic number is the number of protons in the nucleus.
- The mass number is the number of protons and neutrons in the nucleus.
- In an atom, the number of electrons is same as the number of protons.
- In a positively charged ion, the number of electrons is less than the number of protons.
- In a negatively charged ion, the number of electrons is greater than the number of protons.