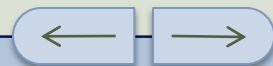


Elementlar xossalari davriy ravishda o'zgarishi

t.f.n. Komilov K. O.



Тема: Elementlar xossalari davriy o'zgarishi

07.03.2020



Bilimlarni tekshirish

Yozma

Test

Konstruktor

Ikkinchi yoki uchunchi davr elementlaridan bittadan elementning elektron bulutlari tuzilishi chimasini tuzing.

Периоды	ГРУППЫ ЭЛЕМЕНТОВ							
	I	II	III	IV	V	VI	VII	VIII
2	Li ³ _{6,939} Литий	Be ⁴ _{9,012} Бериллий	B ⁵ _{10,811} Бор	C ⁶ _{12,011} Углерод	N ⁷ _{14,0067} Азот	O ⁸ _{15,9994} Кислород	F ⁹ _{18,9984} Фтор	Ne ¹⁰ _{20,183} Неон
3	Na ¹¹ _{22,99} Натрий	Mg ¹² _{24,31} Магний	Al ¹³ _{26,98} Алюминий	Si ¹⁴ _{28,086} Кремний	P ¹⁵ _{30,97} Фосфор	S ¹⁶ _{32,064} Сера	Cl ¹⁷ _{35,453} Хлор	Ar ¹⁸ _{39,948} Аргон

Тема: Elementlar xossalari davriy o'zgarishi

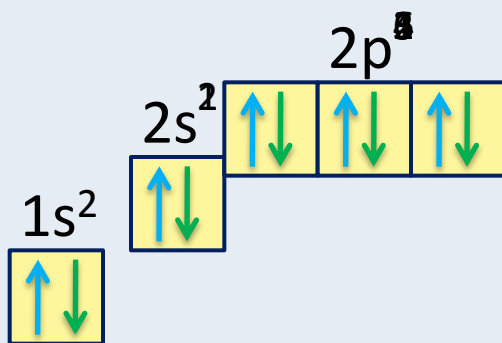
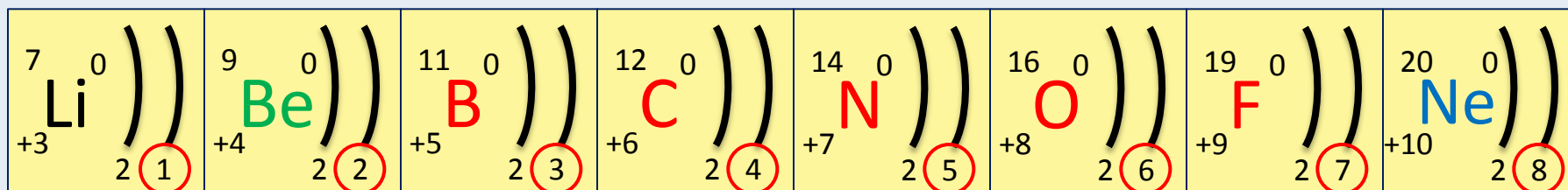
07.03.2020



I. Davrlarda chapdan o'ngga qarab:

Misol:

2 davr elementlari



Тема: Elementlar xossalari davriy o'zgarishi.

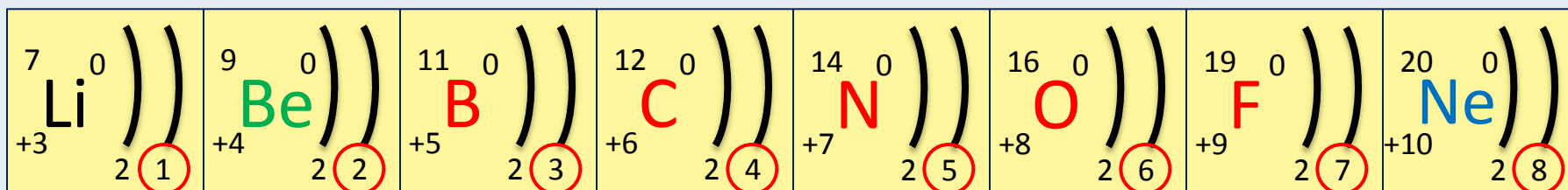
07.03.2020



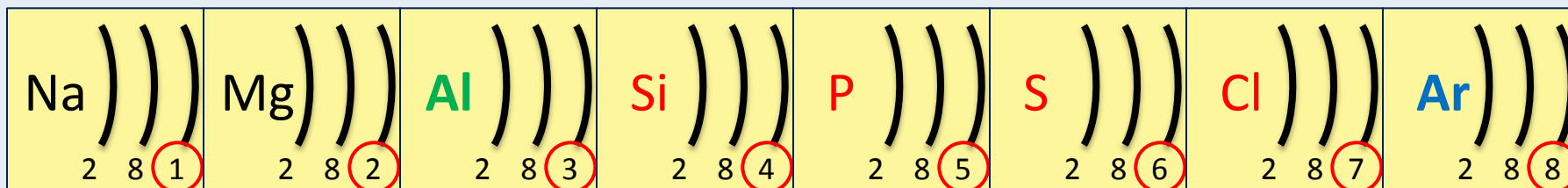
I. Davrlarda chapdan o'nga qarab:

Misol:

2 davr elementlari



Элементы 3 периода





I. Davrlarda chapdan o'ngga qarab:

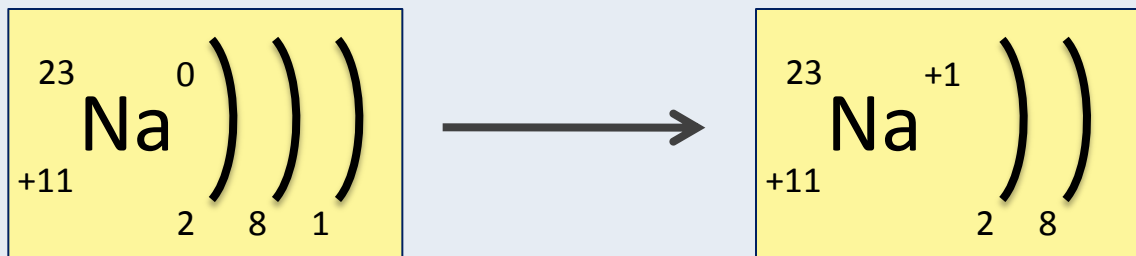
- ▶ Energetik qavatlar soni o'zgarmaydi;
- ▶ Oxirgi qavatdagi elektronlar soni ortib boradi;
- ▶ Metallik xossasi kamayib boradi.

Тема: Elementlarning xossalari davriy o'zgarishi.

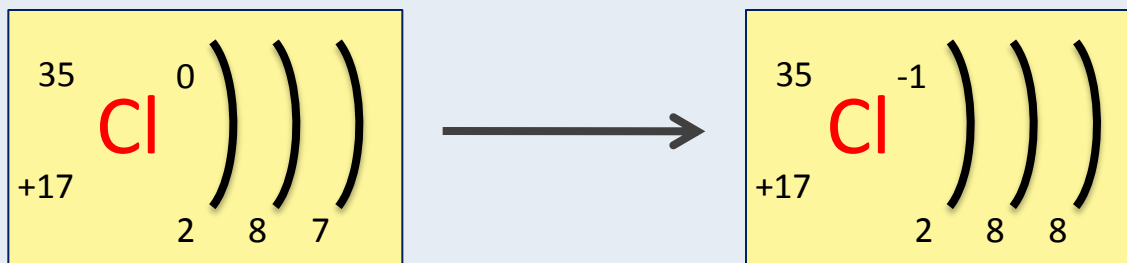
07.03.2020



Metallik xossasi bu – tashqi valent elektronlarini chiqarish qobiliyatidir.



Metallmaslik xossasi bu – tashqi elektron qobig'iga elektronlarni tortish qobiliyatidir.



Тема: Elementlar xossalari davriy o'garishi

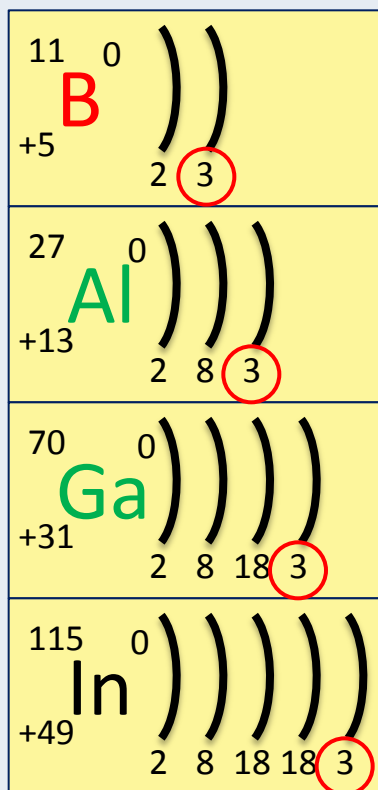
07.03.2020



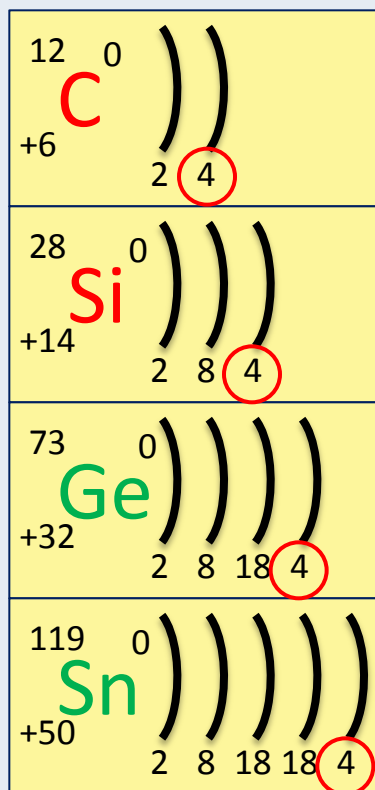
II. Guruhlarda yuqoridan pastga qarab:

Misol:

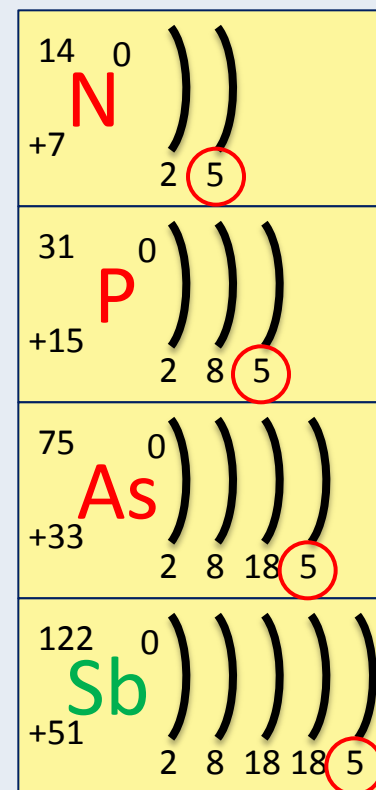
III A guruh elementlari



IV A guruh elementlari



V A guruh elementlari



Тема: Elementlar xossalari davriy o'zgarishi

07.03.2020



II. Guruhlarda yuqoridan pastga qarab:

- ▶ Energetik qavatlar soni ortib boradi;
- ▶ Oxirgi qavatdagi elektronlar soni o'zgarmaydi;

- ▶ Metallik xossasi ortib boradi.



Тема: Elementlar xossalari davriy o'zgarishi

07.03.2020



Tushuntirish:

Kimyoviy elementlar xossalari davriy ravishda takrorlanadi, chunki ularning atomlarini tashqi elektron qavatlarining tuzilishi ham davriy ravishda takrorlanadi.