

		I	II		III		IV		V		VI		VII		VIII			
1	1	H											H	He				
													1,0079	4,0026				4,0026
2	2	Li	Be	B	C	N	O	F	Ne									
		6,941	9,012	10,81	12,011	14,0067	15,999	18,998	20,179									
3	3	Na	Mg	Al	Si	P	S	Cl	Ar									
		22,99	24,305	26,981	28,086	30,973	32,06	35,453	39,948									
4	4	K	Ca	Sc	Ti	V	Cr	Mn										
		39,098	40,08	44,956	47,9	50,941	51,996	54,938										
	5		Cu	Zn	Ga	Ge	As	Se	Br	Kr								
		63,546	65,38	69,72	72,59	74,921	78,96	79,904	83,8									
5	6	Rb	Sr	Y	Zr	Nb	Mo	Tc										
		85,468	87,62	88,906	91,22	92,906	95,94	98,906										
	7		Ag	Cd	In	Sn	Sb	Te	I	Xe								
		107,868	112,4	114,82	118,69	121,75	127,6	126,904	131,3									
6	8	Cs	Ba	La	Hf	Ta	W	Re										
		132,905	137,34	138,905	178,49	180,948	183,85	186,207										
	9		Au	Hg	Tl	Pb	Bi	Po	At	Rn								
		196,967	200,59	204,37	207,2	208,98	[209]	[210]	[222]									
7	10	Fr	Ra	Ac	Ku	Ns												
		[223]	226,025	[227]	[261]	[262]												
		R ₂ O	RO	R ₂ O ₃	RO ₂	R ₂ O ₃	RO ₃	R ₂ O ₄										
					RH ₄	RH ₃	H ₂ R	HR										

	58	Ce	59	Pr	60	Nd	61	Pm	62	Sm	63	Eu	64	Gd	65	Tb	66	Dy	67	Ho	68	Er	69	Tm	70	Yb	71	Lu
	140,12	140,908	144,24	[145]	150,4	151,96	157,25	158,925	162,5	164,93	167,26	168,93	173,04	174,97														

	90	Th	91	[231]	Pa	92	U	93	Np	94	Pu	95	Am	96	Cm	97	Bk	98	Cf	99	Es	100	Fm	101	Md	102	(No)	103	(Lr)
	232,038	[231]	238,029	[237]	[244]	[243]	[247]	[247]	[251]	[254]	[257]	[258]	[259]	[262]															

ПЕРИОДИЧЕСКАЯ СИСТЕМА ХИМИЧЕСКИХ ЭЛЕМЕНТОВ Д. И. МЕНДЕЛЕЕВА

		I	II		III		IV		V		VI		VII		VIII			
1	1	H											H	He				
													1.0079	4.0026	He 4.0026			
2	2	Li	Be	B	C	N	O	F	Ne									
		6,941	9,012	10,81	12,011	14,0067	15,999	18,998	20,179									
3	3	Na	Mg	Al	Si	P	S	Cl	Ar									
		22,99	24,305	26,981	28,086	30,973	32,06	35,453	39,948									
4	4	Ka	Ca	Sc	Ti	V	Cr	Mn			26	27	28	29				
		39,098	40,08	44,956	47,9	50,941	51,996	54,938			55,847	58,933	58,7					
	5	29	Cu	Zn	Ga	Ge	As	Se	Br	Kr								
		63,546	65,38	69,72	72,59	74,921	78,96	79,904	83,8									
5	6	Rb	Sr	Y	Zr	Nb	Mo	Tc			44	45	46	47				
		85,468	87,62	88,906	91,22	92,906	95,94	98,906			101,07	102,905	106,4					
	7	47	Ag	Cd	In	Sn	Sb	Te	I	Xe								
		107,868	112,4	114,82	118,69	121,75	127,6	126,904	131,3									
6	8	Cs	Ba	La	Hf	Ta	W	Re			76	77	78	79				
		132,905	137,34	138,905	178,49	180,948	183,85	186,207			190,2	192,22	195,09					
	9	79	Au	Hg	Tl	Pb	Bi	Po	At	Rn								
		196,967	200,59	204,37	207,2	208,98	[209]	[210]	[222]									
7	10	Fr	Ra	Ac	Rf	Db	Sg	Bh			108	109	110	111				
		[223]	226,025	[227]	[261]	[262]	[262]	[263]	[262]	[265]	108	109	110	111				
		R ₂ O	RO	R ₂ O ₃	RO ₂	R ₂ O ₅	RO ₃	R ₂ O ₇	RO ₄									
					RH ₄	RH ₃	H ₂ R	HR										

58	Ce	59	Pr	60	Nd	61	Pm	62	Sm	63	Eu	64	Gd	65	Tb	66	Dy	67	Ho	68	Er	69	Tm	70	Yb	71	Lu
140,12	140,908	144,24	[145]	150,4	151,96	157,25	158,925	162,5	164,93	167,26	168,93	173,04	174,97														
90	Th	91	Pa	92	U	93	Np	94	Pu	95	Am	96	Cm	97	Bk	98	Cf	99	Es	100	Fm	101	Md	102	(No)	103	(Lr)
232,038	[231]	238,029	[237]	[244]	[243]	[247]	[247]	[251]	[254]	[257]	[258]	[259]	[262]														
121	Ubu	122	Ubb	123	Ubt	124	Ubu	125	Ubp	126	Ubh																

PERIODIC TABLE OF THE CHEMICAL ELEMENTS

Period		G R O U P S																	
		I	II	III	IV	V	VI	VII	VIII										
1	1	H																He	
2	2	Li		Be		B		C		N		O		F		Ne			
3	3	Na		Mg		Al		Si		P		S		Cl		Ar			
4	4	K		Ca		Sc		Ti		V		Cr		Mn		Fe			
	5	Rb		Sr		Y		Zr		Nb		Mo		Tc		Ru			
	6	Cs		Ba		La		Hf		Ta		W		Re		Os			
	7	Fr		Ra		Ac		Rf		Db		Sg		Bh		Hs			
	8	R ₂ O		RO		R ₂ O ₃		RO ₂		R ₂ O ₅		RO ₃		R ₂ O ₇		RO ₄			
	9	RH ₄		RH ₃		H ₂ R		HR											

Lanthanoids	58	Ce	59	Pr	60	Nd	61	Pm	62	Sm	63	Eu	64	Gd	65	Tb	66	Dy	67	Ho	68	Er	69	Tm	70	Yb	71	Lu
	140.12	Cerium	140.908	Protactinium	144.24	Neodymium	[145]	Promethium	160.4	Samarium	151.96	Europium	157.25	Gadolinium	158.925	Terbium	162.5	Dysprosium	164.93	Holmium	167.26	Erbium	168.93	Thulium	173.04	Ytterbium	174.97	Lutetium
Actinoids	90	Th	91	Pa	92	U	93	Np	94	Pu	95	Am	96	Cm	97	Bk	98	Cf	99	Es	100	Fm	101	Md	102	(No)	103	(Lr)
	232.038	Thorium	[231]	Protactinium	238.029	Uranium	[237]	Neptunium	[244]	Plutonium	[243]	Americium	[247]	Curium	[247]	Berkelium	[251]	Californium	[254]	Einsteinium	[257]	Fermium	[258]	Mendelevium	[259]	Nobelium	[262]	Lawrencium
Superactinoids	121	Ubu	122	Ubb	123	Ubt	124	Ubu	125	Ubp	126	Ubh																

Subshell	S	G	F	D	P
Period					
1	1s				
2	2s				2p
3	3s				3p
4	4s			3d	4p
5	5s			4d	5p
6	6s		4f	5d	6p
7	7s		5f	6d	7p
8	8s	5g	6f	7d	8p

Subshell	S	P	D	F	G
Period					
1	1s				
2	2s	2p			
3	3s	3p			
4	4s	4p	3d		
5	5s	5p	4d		
6	6s	6p	5d	4f	
7	7s	7p	6d	5f	
8	8s	8p	7d	6f	5g

Оболочка	S	G	F	D	P
Период					
1	1s				
2	2s				2p
3	3s				3p
4	4s			3d	4p
5	5s			4d	5p
6	6s		4f	5d	6p
7	7s		5f	6d	7p
8	8s	5g	6f	7d	8p

Оболочка	S	P	D	F	G
Период					
1	1s				
2	2s	2p			
3	3s	3p			
4	4s	4p	3d		
5	5s	5p	4d		
6	6s	6p	5d	4f	
7	7s	7p	6d	5f	
8	8s	8p	7d	6f	5g