

Periodic Table Questions and Answers

How many elements are there?

118

What is the periodic table?

A chart that organizes elements by atomic number and shared properties

Who invented the periodic table?

Dmitri Mendeleev

A chart that organizes elements by atomic number and shared properties

The periodic table is displayed with elements color-coded by groups. The noble gases (Group 18) are highlighted in yellow. The lanthanide and actinide series are shown at the bottom. The table includes element symbols, atomic numbers, and names.

1	H	2	He	3	Li	4	Be	5	B	6	C	7	N	8	O	9	F	10	Ne																																																		
11	Na	12	Mg	13	Al	14	Si	15	P	16	S	17	Cl	18	Ar	19	K	20	Ca	21	Sc	22	Ti	23	V	24	Cr	25	Mn	26	Fe	27	Co	28	Ni	29	Cu	30	Zn																														
37	Rb	38	Sr	39	Y	40	Zr	41	Nb	42	Mo	43	Tc	44	Ru	45	Rh	46	Pd	47	Ag	48	Cd	49	In	50	Sn	51	Sb	52	Te	53	I	54	Xe	55	Cs	56	Ba	57	La	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
87	Fr	88	Ra	89	Ac	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																																						

periodic
nds?
r, ionization

Why a
They have

What are the periodic table trends?

electronegativity, ionization energy, atomic radius, electron affinity

Why are noble gas so inert?

They have stable electron configurations.

Periodic Table Patterns Practice Problems With Answers

CO Houle



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