



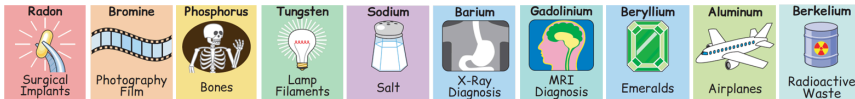
SBC BIODIVERSITY DAY 2024

Chemistry: From discovery to sustainability

Welcome to It's Elemental -
Element Matching Game!



Choose the chemical name that each chemical symbol represents by drawing a line to match them. Then, categorize the elements into groups by drawing lines to match them.





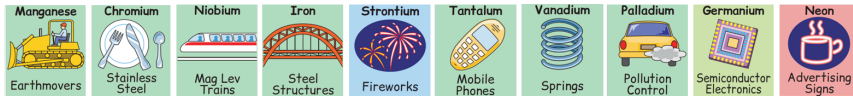
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He	S	Si	Hg	Li	Ta	Cl	Po	Tm	Sn
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 Lithium Batteries	 Mercury Thermometers	 Silicon Stone, Sand, and Soil	 Tin Plated Food Cans	 Sulfur Eggs	 Polonium Anti-Static Brushes	 Helium Balloons	 Tantalum Mobile Phones	 Chlorine Swimming Pools	 Thulium Laser Surgery
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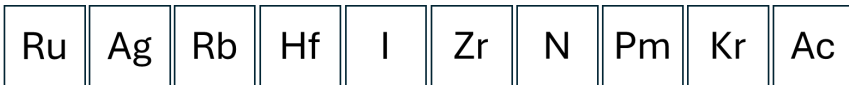
Alkali metal	Alkali earth	Transition metal	Basic metal	Semi metal	Non metal	Halogen	Noble gas	lanthanide	Actinide
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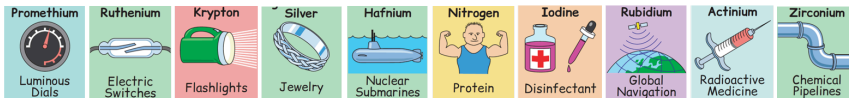
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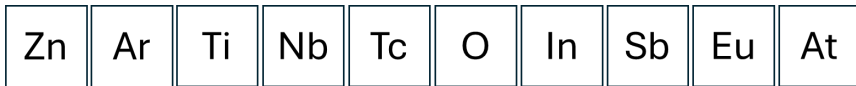




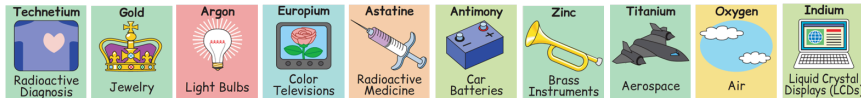
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Periodic Table of the Elements

Atomic Number
Symbol
 Name
 Atomic Mass

1 IA 1A	H Hydrogen 1.008		2 IIA 2A																	13 IIIA 3A	14 IVA 4A	15 VA 5A	16 VIA 6A	17 VIIA 7A	18 VIIIA 8A	2									
3	Li Lithium 6.941	4	Be Beryllium 9.012																	5	B Boron 10.811	6	C Carbon 12.011	7	N Nitrogen 14.007	8	O Oxygen 15.999	9	F Fluorine 18.998	10	Ne Neon 20.180				
11	Na Sodium 22.990	12	Mg Magnesium 24.305	3	IIIB 3B	4	IVB 4B	5	VB 5B	6	VIB 6B	7	VII B 7B	8	VIII 8		10	IB 1B	12	II B 2B	13	Al Aluminum 26.982	14	Si Silicon 28.086	15	P Phosphorus 30.974	16	S Sulfur 32.066	17	Cl Chlorine 35.453	18	Ar Argon 39.948			
19	K Potassium 39.098	20	Ca Calcium 40.078	21	Sc Scandium 44.956	22	Ti Titanium 47.867	23	V Vanadium 50.942	24	Cr Chromium 51.996	25	Mn Manganese 54.938	26	Fe Iron 55.845	27	Co Cobalt 58.933	28	Ni Nickel 58.693	29	Cu Copper 63.546	30	Zn Zinc 65.38	31	Ga Gallium 69.723	32	Ge Germanium 72.631	33	As Arsenic 74.922	34	Se Selenium 78.972	35	Br Bromine 79.904	36	Kr Krypton 84.798
37	Rb Rubidium 85.468	38	Sr Strontium 87.62	39	Y Yttrium 88.906	40	Zr Zirconium 91.224	41	Nb Niobium 92.906	42	Mo Molybdenum 95.95	43	Tc Technetium 98.907	44	Ru Ruthenium 101.07	45	Rh Rhodium 102.906	46	Pd Palladium 106.42	47	Ag Silver 107.868	48	Cd Cadmium 112.411	49	In Indium 114.818	50	Sn Tin 118.711	51	Sb Antimony 121.760	52	Te Tellurium 127.6	53	I Iodine 126.904	54	Xe Xenon 131.294
55	Cs Cesium 132.905	56	Ba Barium 137.328	57-71		72	Hf Hafnium 178.49	73	Ta Tantalum 180.948	74	W Tungsten 183.84	75	Re Rhenium 186.207	76	Os Osmium 190.23	77	Ir Iridium 192.217	78	Pt Platinum 195.085	79	Au Gold 196.967	80	Hg Mercury 200.592	81	Tl Thallium 204.383	82	Pb Lead 207.2	83	Bi Bismuth 208.980	84	Po Polonium [208.982]	85	At Astatine 209.987	86	Rn Radon 222.018
87	Fr Francium 223.020	88	Ra Radium 226.025	89-103		104	Rf Rutherfordium [261]	105	Db Dubnium [262]	106	Sg Seaborgium [266]	107	Bh Bohrium [264]	108	Hs Hassium [269]	109	Mt Meitnerium [268]	110	Ds Darmstadtium [269]	111	Rg Roentgenium [272]	112	Cn Copernicium [277]	113	Uut Ununtrium unknown	114	Fl Flerovium [289]	115	Uup Ununpentium unknown	116	Lv Livermorium [298]	117	Uus Ununseptium unknown	118	Uuo Ununoctium unknown

	57 Lanthanide Series	58	La Lanthanum 138.905	59	Ce Cerium 140.116	60	Pr Praseodymium 140.908	61	Nd Neodymium 144.242	62	Pm Promethium 144.913	63	Sm Samarium 150.36	64	Eu Europium 151.964	65	Gd Gadolinium 157.25	66	Tb Terbium 158.925	67	Dy Dysprosium 162.500	68	Ho Holmium 164.930	69	Er Erbium 167.259	70	Tm Thulium 168.934	71	Yb Ytterbium 173.055	72	Lu Lutetium 174.967
	Actinide Series	89	Ac Actinium 227.028	90	Th Thorium 232.038	91	Pa Protactinium 231.036	92	U Uranium 238.029	93	Np Neptunium 237.048	94	Pu Plutonium 244.064	95	Am Americium 243.061	96	Cm Curium 247.070	97	Bk Berkelium 247.070	98	Cf Californium 251.080	99	Es Einsteinium [254]	100	Fm Fermium 257.095	101	Md Mendelevium 258.1	102	No Nobelium 259.101	103	Lr Lawrencium [262]

