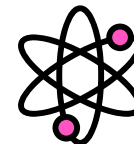




# Periodic table bingo



B	I	N	G	O
		 Free		



B	I	N	G	O
		 Free		



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
1	Hydrogen	H	I am the main component of the Sun and most stars.
2	Helium	He	I am the first element in the noble gas family. I am used to blow up party balloons.
3	Lithium	Li	I am used to produce rechargeable batteries.
4	Beryllium	Be	My atomic number is 4 and I belong in period 2.
5	Boron	B	I am the only non-metallic element in my column (group).
6	Carbon	C	I am the main element that makes up the lead in your pencil.
7	Nitrogen	N	I am the main component of the Earth's atmosphere.



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
8	Oxygen	O	I am the most abundant element in the Earth's crust.
9	Fluorine	F	I am the most electronegative element. I protect teeth from cavities.
10	Neon	Ne	I am often used to light advertising signs.
11	Sodium	Na	When I am coupled with a chlorine atom, I become table salt.
12	Magnesium	Mg	I have an atomic mass of 24.31 u, and my atoms exist in nature only in combination with other elements.
13	Aluminum	Al	I am a metal with multiple applications, including food packaging.
14	Silicon	Si	I am the most abundant element in the Earth's crust after oxygen. I am found in sand and glass.
15	Phosphorus	P	My name comes from a Greek word that means "light-bearer."
16	Sulfur	S	I am a non-metal with a pale yellow appearance, and I am most commonly found in volcanic regions.
17	Chlorine	Cl	I am in group 17 and am used to purify water in swimming pools.



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
18	Argon	Ar	My atomic mass is 39.95 u, and I am a noble gas used inside incandescent lamps, fluorescent tubes, and blue-green gas lasers.
19	Potassium	K	I am an essential nutrient in the human diet, and my atomic number is 19.
20	Calcium	Ca	I am vital for many species, as I am found in bones, teeth, and shells.
21	Scandium	Sc	I am a group 3 metal, and my neighbours are calcium and titanium.
22	Titanium	Ti	I am a light, corrosion-resistant metal. My atomic number is 22.
23	Vanadium	V	My symbol is the number of my group, written as a Roman numeral. My atomic mass is 50.94 u.
24	Chromium	Cr	My name comes from a Latin word meaning “colour.” It has the same roots as the name of Google’s browser. I am used to make hard and resistant alloys.
25	Manganese	Mn	I have 25 protons and 25 electrons.
26	Iron	Fe	I am the most commonly used metal in everyday life.
27	Cobalt	Co	I am the first metal in group 9.



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
28	Nickel	Ni	I am often used as an anti-corrosion coating. You'll find me in five-cent coins.
29	Copper	Cu	I am a reddish metal. I have very good electrical conductivity.
30	Zinc	Zn	I am a metal and my atomic mass is 65.40 u.
31	Gallium	Ga	I am a metal that can be kept liquid near room temperature. My name was given to me in honour of France.
32	Germanium	Ge	I am a metal that was discovered by a German scientist. He gave me my name in honour of Germany.
33	Arsenic	As	I have been used for a long time as a poison, ant insecticide, and pesticide. I am very toxic.
34	Selenium	Se	My name is derived from Selene, the name of the Greek goddess of the Moon.
35	Bromine	Br	I am the only liquid element in group 17. My name comes from the Greek bromos, meaning "stench," because of my pungent smell.
36	Krypton	Kr	I am a noble gas. My name comes from the Greek kryptos, which means "hidden."
37	Rubidium	Rb	My name comes from the Latin rubidus, which means "dark red."



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
38	Strontium	Sr	I was isolated after my oxide was discovered in a mine in Scotland, near Strontian.
39	Yttrium	Y	I am a transition metal that is so similar to my neighbours below, the lanthanides, that I have long been classified as one of them.
40	Zirconium	Zr	I am a transition metal that can be extracted from zircon, a yellowish gemstone.
41	Niobium	Nb	My atomic number is 41, and I am used to build electromagnets for particle accelerators.
42	Molybdenum	Mo	My atomic mass is 95.95. I am not found in my native state, meaning I am always combined with another element in nature.
43	Technetium	Tc	I am a radioactive transition metal and the first chemical element to have been produced artificially.
44	Ruthenium	Ru	I was discovered in the Ural Mountains in Russia, a country with which I share the first two letters of my name.
45	Rhodium	Rh	I am a transition metal located between cobalt and iridium.
46	Palladium	Pd	I am a period 5 element, and my name derives from that of the Greek goddess of wisdom, Pallas.
47	Silver	Ag	I am a precious metal, and my nitrate is both an antiseptic and an ingredient in photographic plates.



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
48	Cadmium	Cd	My atomic mass is almost exactly four times that of silicon.
49	Indium	In	I am a poor metal used in the manufacture of touch screens, and, contrary to what my name indicates, I am mainly found in China, not India.
50	Tin	Sn	When combined with copper, I produce bronze.
51	Antimony	Sb	I am a very toxic metalloid, yet I was often used in makeup in ancient times.
52	Tellurium	Te	I am a metalloid whose name recalls the adjective that designates non-gaseous planets.
53	Iodine	I	I am an essential halogen in the synthesis of thyroid hormones by the thyroid gland.
54	Xenon	Xe	I am a noble gas that emits a blue light in a discharge lamp.
55	Cesium	Cs	The radiation of my 133-neutron isotope makes it possible to scientifically calculate the length of a second.
56	Barium	Ba	I am an alkaline earth metal used in pyrotechnics to create apple-green fireworks.
72	Hafnium	Hf	I am the heaviest stable element in group 4. I am often found in nuclear reactors, as I absorb neutrons very well.



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
73	Tantalum	Ta	I am a blue-grey transition metal used in the manufacture of surgical instruments and implants, as I do not react with body fluids.
74	Tungsten	W	I am mainly used to make the filaments in incandescent bulbs.
75	Rhenium	Re	I am a very rare transition metal with an atomic mass approximately 10 times that of fluorine.
76	Osmium	Os	My name comes from the Greek word osme, which means smell, due to the strong smell of my acid.
77	Iridium	Ir	I am a period 6 element, and my name comes from my very colourful compounds.
78	Platinum	Pt	I am a noble metal used in jewelry. I am much more valuable than silver, but less valuable than gold.
79	Gold	Au	I am a very dense and very ductile (soft) metal. I am often confused with iron pyrite, which is much less valuable than me.
80	Mercury	Hg	Also known as "quicksilver," I am a very toxic metal and a liquid at room temperature.
81	Thallium	Tl	I am the heaviest poor metal in group 13.
82	Lead	Pb	I am the heaviest of the stable elements and was used for a long time in piping until my high toxicity was discovered.





# Periodic table bingo

Element number	Element name	Chemical symbol	Clue
83	Bismuth	Bi	I am often used as a replacement for my neighbour lead, as I am significantly less toxic.
84	Polonium	Po	I was named in honour of the home country of Marie Curie, as I am the first radioactive element that she and Pierre Curie discovered.
85	Astatine	At	I am the rarest of the chemical elements found naturally in the Earth's crust, and I am extremely radioactive.
86	Radon	Rn	I am the only radioactive noble gas.
87	Francium	Fr	Discovered in 1939 by Marguerite Perey, I was named in honour of her country of origin, France.
88	Radium	Ra	Discovered in 1898 by Marie and Pierre Curie, I produce radon when I decay.



# Periodic table bingo

Element number	Element name	Chemical symbol	Clue

