

Izaera Metalikoa

Metals (Blue)

Metalloids (Green)

Nonmetals (Yellow)

1A (1)																	7A (17)	8 (18)					
Hydrogen 1 H																	Hydrogen 1 H	Helium 2 He					
Lithium 3 Li	Beryllium 4 Be																	Boron 5 B	Carbon 6 C	Nitrogen 7 N	Oxygen 8 O	Fluorine 9 F	Neon 10 Ne
Sodium 11 Na	Magnesium 12 Mg	3B (3)	4B (4)	5B (5)	6B (6)	7B (7)	8B (8) (9) (10)			1B (11)	2B (12)	Aluminum 13 Al	Silicon 14 Si	Phosphorus 15 P	Sulfur 16 S	Chlorine 17 Cl	Argon 18 Ar						
Potassium 19 K	Calcium 20 Ca	Scandium 21 Sc	Titanium 22 Ti	Vanadium 23 V	Chromium 24 Cr	Manganese 25 Mn	Iron 26 Fe	Cobalt 27 Co	Nickel 28 Ni	Copper 29 Cu	Zinc 30 Zn	Gallium 31 Ga	Germanium 32 Ge	Arsenic 33 As	Selenium 34 Se	Bromine 35 Br	Krypton 36 Kr						
Rubidium 37 Rb	Strontium 38 Sr	Yttrium 39 Y	Zirconium 40 Zr	Niobium 41 Nb	Molybdenum 42 Mo	Technetium 43 Tc	Ruthenium 44 Ru	Rhodium 45 Rh	Palladium 46 Pd	Silver 47 Ag	Cadmium 48 Cd	Indium 49 In	Tin 50 Sn	Antimony 51 Sb	Tellurium 52 Te	Iodine 53 I	Xenon 54 Xe						
Cesium 55 Cs	Barium 56 Ba	Lanthanum 57 La	Hafnium 72 Hf	Tantalum 73 Ta	Tungsten 74 W	Rhenium 75 Re	Osmium 76 Os	Iridium 77 Ir	Platinum 78 Pt	Gold 79 Au	Mercury 80 Hg	Thallium 81 Tl	Lead 82 Pb	Bismuth 83 Bi	Polonium 84 Po	Astatine 85 At	Radon 86 Rn						
Francium 87 Fr	Radium 88 Ra	Actinium 89 Ac	Rutherfordium 104 Rf	Hassium 105 Hs	Meitnerium 106 Mt	Nihonium 107 Nh	Hassium 108 Hs	Moscovium 109 Mc	Oganesson 110 Og	Unbinilium 111 Ubn	Untrium 112 Uut	Unquadrium 113 Uuq	Unpentium 114 Uup	Unsextium 115 Uus	Unseptium 116 Uus	Unoktium 117 Uuo	Unnium 118 Uun						
		Cerium 58 Ce	Praseodymium 59 Pr	Neodymium 60 Nd	Promethium 61 Pm	Samarium 62 Sm	Europium 63 Eu	Gadolinium 64 Gd	Terbium 65 Tb	Dysprosium 66 Dy	Homium 67 Ho	Erbium 68 Er	Thulium 69 Tm	Ytterbium 70 Yb	Lutetium 71 Lu								
		Thorium 90 Th	Protactinium 91 Pa	Uranium 92 U	Neptunium 93 Np	Plutonium 94 Pu	Americium 95 Am	Curium 96 Cm	Berkelium 97 Bk	Californium 98 Cf	Einsteinium 99 Es	Fermium 100 Fm	Mendelevium 101 Md	Nobelium 102 No	Lawrencium 103 Lr								

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Metalak ezkerrean eta behean kokatzen dira taula periodikoan eta elementuen hiru laurdenak dira.

Metalek elektroioak galtzen dituzte (katioiak emateko) erreakzio kimikoetan ionizazio-energia baxua dutelako.

http://www.chem.umass.edu/genchem/whelan/class_images/111_Period_Table_Classifications.gif

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Joerak

Izaera metalikoa handitzen da (ionizazio-energiaren aurkako noranzkoan)

- goitik behera talde batean eta
- eskuinetik ezkerrera periodo batean.

The diagram shows a periodic table with arrows indicating the trend of increasing metallic character. A horizontal arrow at the top points from right to left, labeled "Increasing Metallic Character". A vertical arrow on the right side points downwards, labeled "Increasing Metallic Character". The bottom-left corner is labeled "Most Metallic" and the top-right corner is labeled "Least Metallic".

	IA																		VIIIA
1	H	IIA										IIIA	IVA	VA	VIA	VIIA			He
2	Li	Be										B	C	N	O	F			Ne
3	Na	Mg	IIIB	IVB	VB	VIB	VIIIB	VIII B			IB	IIB	Al	Si	P	S	Cl		Ar
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br		Kr
5	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I		Xe
6	Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At		Rn
7	Fr	Rd	Ac																

<http://grandinetti.org/Teaching/Chem121/Lectures/ChemicalReactivity/assets/MetallicTable.gif>