

PERIODIC TABLE (BASIC)

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|--------------------------------|---------------------------------|--------------------------------|---------------------------------|-----------------------------------|---------------------------------|----------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| 1 H Hydrogen 1.008 | 2 He Helium 4.0026 | | | | | | | | | | | | | | | | | |
| 3 Li Lithium 6.941 | 4 Be Beryllium 9.0122 | | | | | | | | | | | | | | | | | |
| 5 B Boron 10.81 | 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 | 13 Al Aluminum 26.982 | 14 Si Silicon 28.086 | 15 P Phosphorus 30.974 | 16 S Sulfur 32.06 | 17 Cl Chlorine 35.45 | 18 Ar Argon 39.948 | | | | | | | | | | | |
| 19 K Potassium 39.098 | 20 Ca Calcium 40.078 | 21 Sc Scandium 44.956 | 22 Ti Titanium 47.88 | 23 V Vanadium 50.942 | 24 Cr Chromium 52.00 | 25 Mn Manganese 54.938 | 26 Fe Iron 55.845 | 27 Co Cobalt 58.933 | 28 Ni Nickel 58.69 | 29 Cu Copper 63.546 | 30 Zn Zinc 65.38 | 31 Ga Gallium 69.723 | 32 Ge Germanium 72.63 | 33 As Arsenic 74.922 | 34 Se Selenium 78.96 | 35 Br Bromine 79.904 | 36 Kr Krypton 83.798 | |
| 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 95.94 | 43 Tc Technetium 98.906 | 44 Ru Ruthenium 101.07 | 45 Rh Rhodium 102.91 | 46 Pd Palladium 106.42 | 47 Ag Silver 107.868 | 48 Cd Cadmium 112.41 | 49 In Indium 114.818 | 50 Sn Tin 118.710 | 51 Sb Antimony 121.757 | 52 Te Tellurium 127.6 | 53 I Iodine 126.905 | 54 Xe Xenon 131.29 | |
| 55 Cs Cesium 132.905 | 56 Ba Barium 137.327 | 57-71 Lanthanide Series | | 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 192.222 | 78 Pt Platinum 195.084 | 79 Au Gold 196.967 | 80 Hg Mercury 200.59 | 81 Tl Thallium 204.38 | 82 Pb Lead 207.2 | 83 Bi Bismuth 208.98 | 84 Po Polonium 209 | 85 At Astatine 210 | |
| 87 Fr Francium 223 | 88 Ra Radium 226 | 89-103 Actinide Series | | 104 Rf Rutherfordium 261 | 105 Db Dubnium 262 | 106 Sg Seaborgium 266 | 107 Bh Bohrium 264 | 108 Hs Hassium 277 | 109 Mt Meitnerium 268 | 110 Ds Darmstadtium 271 | 111 Rg Roentgenium 272 | 112 Cn Copernicium 285 | 113 Nh Nihonium 286 | 114 Fl Flerovium 289 | 115 Uup Ununpentium 288 | 116 Lv Livermorium 293 | 117 Ts Tennessine 294 | 118 Og Oganesson 294 |

Atomic #

Symbol

Element name

Weight

C Solid

Hg Liquid

H Gas

Rf Unknown

Metals

Other nonmetals

Nonmetals

halogens

Noble gases

Metals

Alkali earth metals

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Transition metals

Post-transition metals

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Hydrogen

Hydrogen is a chemical element with chemical symbol H and atomic number 1. With an atomic weight of 1.00794 u, hydrogen is the lightest element on the periodic table. Its monatomic forms (H) is the most abundant chemical substance in the universe, constituting roughly 75% of all baryonic mass. Non-remnant stars are mainly composed of hydrogen in its plasma state. The most common isotope of hydrogen, termed protium (name rarely used, symbol ¹H), has a single proton and zero neutrons.

Helium

Helium is a chemical element with symbol He and atomic number 2. It is a colorless, odorless, tasteless, non-toxic, inert, monatomic gas that heads the noble gas group in the periodic table. Its boiling and melting points are the lowest among the elements and it exists only as a gas except in extreme conditions.

Lithium

Lithium (from Greek: λίθος lithos, "stone") is a chemical element with symbol Li and atomic number 3. It is a soft, silver-white metal belonging to the alkali metal group of chemical elements. Under standard conditions it is the lightest metal and the least dense solid element. Like all alkali metals, lithium is highly reactive and flammable. For this reason, it is typically stored in mineral oil. When cut open, lithium exhibits a metallic luster, but contact with moist air corrodes the surface quickly to a dull silvery gray, then black tarnish. Because of its high reactivity, lithium never occurs freely in nature, and instead, only appears in compounds, which are usually ionic. Lithium occurs in a number of pegmatitic minerals, but due to its solubility as an ion is present in ocean water and is commonly obtained from brines and clays.

Periodic Table Basic Speedy Study Guides

Rosina Ehmann



Periodic Table Basic Speedy Study Guides:

Periodic Table Basic Speedy Publishing, 2014-09-04 Chemistry classes can be some of the most difficult classes for students. There are many formulas, numbers, and calculations to be done and memorized. Students are responsible for many tasks during the school year. Studying the periodic table of the elements of chemistry and physics can be overwhelming. A periodic table study guide can help students remember the chemical numbers and atomic weights of elements. It can be viewed at any time the student has idle time. They can refer to it while waiting in a line or when commuting on mass transportation. The guide is essentially a life saver. **Periodic Table (Basic) Speedy Study Guide** Speedy Publishing, 2014-07-04

The average chemistry student lives and breathes the information that is depicted on the periodic table. It is the entire comprehensive list of every element we know of and from these elements all things in our known universe evolve. It also lists atomic weight and the amount of electrons each element has in its structure. A pamphlet that depicts this table would be a go-to guide for all chemistry students throughout their schooling and possibly their career.

Periodic Table (Basic) (Speedy Study Guides) Speedy Publishing LLC, 2014-07-15 The average chemistry student lives and breathes the information that is depicted on the periodic table. It is the entire comprehensive list of every element we know of and from these elements all things in our known universe evolve. It also lists atomic weight and the amount of electrons each element has in its structure. A pamphlet that depicts this table would be a go-to guide for all chemistry students throughout their schooling and possibly their career. Periodic Table Basic (Speedy Study Guide) Speedy Publishing LLC, 2014-09-07

Chemistry classes can be some of the most difficult classes for students. There are many formulas, numbers, and calculations to be done and memorized. Students are responsible for many tasks during the school year. Studying the periodic table of the elements of chemistry and physics can be overwhelming. A periodic table study guide can help students remember the chemical numbers and atomic weights of elements. It can be viewed at any time the student has idle time. They can refer to it while waiting in a line or when commuting on mass transportation. The guide is essentially a life saver. *Chemistry Basics (Speedy Study Guide)* Speedy Publishing, 2014-12-28 A study guide of chemistry basics would give students bite-sized chunks of information on a complex subject, making the task of learning it easier and more enjoyable. Study guides present detailed information on a topic in a compact and simplistic way, which helps the student grasp more of what they are being taught. Also, the visual aids that usually are found in study guides can be very effective in keeping the attention of the child as well as embedding the material in their memory. **Chemistry Terminology I (Speedy Study Guides)** Speedy Publishing, 2015-04-27

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