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Periodic Table Basic (Quickstudy: Academic)

MAJOR NATURAL ISOTOPES WITH % OF OCCURRENCE

Element	Major Natural Isotopes	% of Occurrence
H	¹ H	99.985%
He	³ He, ⁴ He	0.000137%, 99.999863%
Li	⁶ Li, ⁷ Li	7.59%, 92.41%
Be	⁹ Be	100%
B	¹⁰ B, ¹¹ B	19.9%, 80.1%
C	¹² C, ¹³ C	98.9%, 1.1%
N	¹⁴ N, ¹⁵ N	99.632%, 0.368%
O	¹⁶ O, ¹⁷ O, ¹⁸ O	99.762%, 0.038%, 0.2%
F	¹⁹ F	100%
Ne	²⁰ Ne, ²¹ Ne, ²² Ne	90.51%, 0.27%, 0.22%
Na	²³ Na	100%
Mg	²⁴ Mg, ²⁵ Mg, ²⁶ Mg	78.99%, 10.00%, 11.01%
Al	²⁷ Al	100%
Si	²⁸ Si, ²⁹ Si, ³⁰ Si	92.223%, 3.10%, 4.677%
P	³¹ P	100%
S	³² S, ³³ S, ³⁴ S, ³⁶ S	95.02%, 0.75%, 4.21%, 0.02%
Cl	³⁵ Cl, ³⁷ Cl	75.77%, 24.23%
Ar	³⁶ Ar, ³⁸ Ar, ⁴⁰ Ar	99.600%, 0.337%, 0.063%
K	³⁹ K, ⁴⁰ K	93.2581%, 6.7419%
Ca	⁴⁰ Ca, ⁴² Ca, ⁴³ Ca, ⁴⁴ Ca, ⁴⁶ Ca	97.0221%, 2.6273%, 0.1354%, 0.1852%, 0.029%
Sc	⁴⁵ Sc	100%
Ti	⁴⁸ Ti, ⁴⁹ Ti, ⁵⁰ Ti	72.04%, 2.37%, 25.59%
V	⁵¹ V	100%
Cr	⁵² Cr, ⁵³ Cr, ⁵⁴ Cr	73.73%, 2.22%, 24.05%
Mn	⁵⁵ Mn	100%
Fe	⁵⁴ Fe, ⁵⁶ Fe, ⁵⁷ Fe, ⁵⁸ Fe	91.754%, 2.119%, 0.282%, 5.845%
Co	⁵⁹ Co	100%
Ni	⁵⁸ Ni, ⁶⁰ Ni, ⁶¹ Ni, ⁶² Ni, ⁶⁴ Ni	68.077%, 26.223%, 0.43%, 0.63%, 4.64%
Cu	⁶³ Cu, ⁶⁵ Cu	69.17%, 30.83%
Zn	⁶⁴ Zn, ⁶⁶ Zn, ⁶⁷ Zn, ⁶⁸ Zn, ⁷⁰ Zn	48.63%, 27.70%, 0.62%, 0.19%, 12.86%
Ga	⁶⁹ Ga	100%
Ge	⁷² Ge, ⁷³ Ge, ⁷⁴ Ge, ⁷⁶ Ge	36.465%, 27.312%, 7.76%, 28.463%
As	⁷⁵ As	100%
Se	⁷⁴ Se, ⁷⁶ Se, ⁷⁷ Se, ⁷⁸ Se, ⁸⁰ Se	62.63%, 9.73%, 7.63%, 23.82%
Br	⁷⁹ Br, ⁸¹ Br	50.69%, 49.31%
Kr	⁷⁸ Kr, ⁸⁰ Kr, ⁸² Kr, ⁸⁴ Kr, ⁸⁶ Kr	57.0%, 17.2%, 11.6%, 2.28%, 11.82%
Rb	⁸⁵ Rb, ⁸⁷ Rb	72.04%, 27.96%
Sr	⁸⁴ Sr, ⁸⁶ Sr, ⁸⁷ Sr, ⁸⁸ Sr	70.49%, 7.06%, 2.48%, 19.97%
Y	⁸⁹ Y	100%
Zr	⁹⁰ Zr, ⁹¹ Zr, ⁹² Zr, ⁹⁴ Zr	52.03%, 17.1%, 22.7%, 7.17%
Nb	⁹³ Nb	100%
Mo	⁹² Mo, ⁹⁴ Mo, ⁹⁵ Mo, ⁹⁶ Mo, ⁹⁸ Mo	15.845%, 16.106%, 9.79%, 16.677%, 41.582%
Tc	⁹⁸ Tc	100%
Ru	⁹⁶ Ru, ⁹⁷ Ru, ⁹⁸ Ru, ⁹⁹ Ru, ¹⁰⁰ Ru, ¹⁰¹ Ru, ¹⁰² Ru	51.94%, 11.71%, 18.72%, 11.22%, 1.07%, 7.83%
Rh	¹⁰¹ Rh	100%
Pd	¹⁰² Pd, ¹⁰⁴ Pd, ¹⁰⁵ Pd, ¹⁰⁶ Pd, ¹⁰⁸ Pd	11.143%, 22.33%, 1.029%, 26.43%, 39.068%
Ag	¹⁰⁷ Ag, ¹⁰⁹ Ag	47.373%, 52.627%
Cd	¹¹² Cd, ¹¹⁴ Cd, ¹¹⁶ Cd, ¹¹⁷ Cd, ¹¹⁸ Cd	24.22%, 26.17%, 12.497%, 0.992%, 36.111%
In	¹¹³ In, ¹¹⁵ In	42.648%, 57.352%
Sn	¹¹⁴ Sn, ¹¹⁵ Sn, ¹¹⁶ Sn, ¹¹⁷ Sn, ¹¹⁸ Sn, ¹¹⁹ Sn, ¹²⁰ Sn	23.76%, 14.532%, 32.56%, 4.03%, 30.83%, 12.38%
Sb	¹²¹ Sb, ¹²³ Sb	62.92%, 37.08%
Te	¹²⁶ Te, ¹²⁸ Te, ¹²⁹ Te, ¹³⁰ Te, ¹³² Te	54.5%, 33.83%, 6.61%, 4.68%, 1.48%
I	¹²⁷ I	100%
Xe	¹²⁴ Xe, ¹²⁶ Xe, ¹²⁸ Xe, ¹²⁹ Xe, ¹³⁰ Xe, ¹³² Xe, ¹³⁴ Xe, ¹³⁶ Xe	1.91%, 23.51%, 1.17%, 0.09%, 4.07%, 48.64%, 20.41%
Ba	¹³⁵ Ba, ¹³⁷ Ba	75.07%, 24.93%
La	¹³⁸ La, ¹³⁹ La	99.9062%, 0.0938%
Hf	¹⁷⁸ Hf, ¹⁷⁹ Hf, ¹⁸⁰ Hf	92.51%, 4.73%, 2.76%
Ta	¹⁸¹ Ta	100%
W	¹⁸² W, ¹⁸³ W, ¹⁸⁴ W, ¹⁸⁶ W	28.38%, 11.64%, 30.95%, 29.03%
Re	¹⁸⁵ Re, ¹⁸⁷ Re	62.18%, 37.82%
Os	¹⁸⁶ Os, ¹⁸⁷ Os, ¹⁸⁸ Os, ¹⁹⁰ Os	26.26%, 16.26%, 71.48%, 5.9%
Ir	¹⁹¹ Ir, ¹⁹³ Ir	62.73%, 37.27%
Pt	¹⁹² Pt, ¹⁹⁴ Pt, ¹⁹⁵ Pt, ¹⁹⁶ Pt, ¹⁹⁸ Pt	33.83%, 23.33%, 3.829%, 32.08%, 6.92%
Au	¹⁹⁷ Au	100%
Hg	¹⁹⁶ Hg, ¹⁹⁸ Hg, ¹⁹⁹ Hg, ²⁰⁰ Hg, ²⁰¹ Hg, ²⁰² Hg, ²⁰³ Hg, ²⁰⁴ Hg	23.108%, 9.976%, 0.0241%, 50.507%, 22.843%, 0.0643%, 0.097%, 9.3816%
Tl	²⁰³ Tl, ²⁰⁵ Tl	70.48%, 29.52%
Pb	²⁰⁴ Pb, ²⁰⁶ Pb, ²⁰⁷ Pb, ²⁰⁸ Pb	24.106%, 22.313%, 22.09%, 31.491%
Bi	²⁰⁹ Bi	100%
Po	²⁰⁹ Po	100%
At	²⁰⁹ At	100%
Rn	²²² Rn, ²²⁰ Rn, ²¹⁸ Rn, ²¹⁶ Rn	100%, 100%, 100%, 100%
Fr	²²³ Fr	100%
Ra	²²⁶ Ra	100%
Ac	²²⁷ Ac	100%
Rf	²⁶¹ Rf	100%
Db	²⁶² Db	100%
Sg	²⁶⁶ Sg	100%
Bh	²⁶⁴ Bh	100%
Hs	²⁷⁷ Hs	100%
Mt	²⁷³ Mt	100%
Ds	²⁸⁵ Ds	100%
Uuu	²⁸⁹ Uuu	100%
Uub	²⁸⁷ Uub	100%
Uut	²⁸⁸ Uut	100%
Uuq	²⁸⁹ Uuq	100%
Uup	²⁹³ Uup	100%
Ce	¹³⁶ Ce, ¹³⁸ Ce	71.88%, 28.12%
Pr	¹⁴⁰ Pr	100%
Nd	¹⁴² Nd, ¹⁴⁴ Nd	83.75%, 16.25%
Pm	¹⁴⁵ Pm	100%
Sm	¹⁴⁷ Sm, ¹⁴⁹ Sm	74.01%, 25.99%
Eu	¹⁵¹ Eu, ¹⁵³ Eu	47.81%, 52.19%
Gd	¹⁵⁴ Gd, ¹⁵⁵ Gd, ¹⁵⁶ Gd, ¹⁵⁷ Gd, ¹⁵⁸ Gd	20.34%, 14.80%, 20.32%, 14.80%, 30.74%
Tb	¹⁵⁸ Tb, ¹⁶⁰ Tb	52.22%, 47.78%
Dy	¹⁶² Dy, ¹⁶⁴ Dy	26.75%, 73.25%
Ho	¹⁶⁴ Ho	100%
Er	¹⁶² Er, ¹⁶⁴ Er	26.75%, 73.25%
Tm	¹⁶² Tm	100%
Yb	¹⁶⁴ Yb, ¹⁶⁶ Yb	26.75%, 73.25%
Lu	¹⁶⁴ Lu	100%
Th	²³² Th	100%
Pa	²³¹ Pa	100%
U	²³⁵ U, ²³⁸ U	0.7204%, 99.2796%
Np	²³⁷ Np	100%
Pu	²³⁹ Pu	100%
Am	²⁴¹ Am	100%
Cm	²⁴⁷ Cm	100%
Bk	²⁴⁷ Bk	100%
Cf	²⁵¹ Cf	100%
Es	²⁵² Es	100%
Fm	²⁵⁷ Fm	100%
Md	²⁵⁸ Md	100%
No	²⁵⁹ No	100%
Lr	²⁶⁰ Lr	100%



Synopsis

Periodic table of the elements.

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Customer Reviews

After becoming frustrated with the images of periodic tables available to download I decided to buy a few periodic tables. This one is labeled basic but it more than that. It is one laminate page (no unfolding) and includes on the table for each element; atomic number, atomic weight, atomic symbol, if it is radioactive or not, oxidation state, 1st Ionization Potential, the electron (spdf) configuration, and the written out name on both the front and the back. The elements are color coded to indicate whether it's a solid, liquid, gas or artificially prepared. It also includes as extra the major isotopes w % of occurrence, a few metric conversions and units, a side by side graph of Fahrenheit Celsius and Kelvin, a few prefix names, and some laws constants and equations that you are supposed to remember. My only gripe is that it is smaller print than the Advanced Periodic Table from Quickstudy. I am young and my eyes are pretty good so it is ok for me but I know that anyone with some vision problems might have a harder time reading it. But in exchange for smaller print I also get one page no foldout which is more portable and convenient. I can pull it out, place it in front of my notebook while I am working and just look up to find what I am looking for rather than opening something. To be fair I have both and use both. Additionally, for homework use I bought the big blue poster and framed it and use that almost exclusively at home because large print really is just easier to read.

This table has all the information most people would ever need from it. It is also very clear and easy to read. The only gripe I have is that it was made in 2002. They should update it already. Yes there are other tables for sale, but they are not this size (like a sheet of paper) and laminated. So this is still the better choice even versus newer, updated tables.

I am a Pre-Pharmacy student, so I use the periodic table a LOT. This one has way more information than I could ever need at once, which is amazing. When I ordered it, I thought it would have the elemental symbols and their atomic number/weight. THAT'S ONLY THE BEGINNING Here is why you absolutely must buy this:-It's one, flat, laminated sheet with a three-hole punch. Great for use in a three-ring binder, or to just throw between pages in a textbook.-Includes the following information: atomic number, atomic weight, atomic symbol, if it is radioactive or not, oxidation state, 1st Ionization Potential, the electron (spdf) configuration-Elements are color coded to indicate whether it is a solid, liquid, gas, or artificially prepared.-Includes several laws, constants, and equations that you are "supposed" to remember That is an amazing amount of information for one sheet of paper (front and back). It is super convenient. I ended up buying another couple in case I lose the first one. You really cannot go wrong with this purchase

This is very helpful for chemistry classes. Both sides have the periodic table, but one side has boiling point, freezing point, etc of all of the elements, the other side has atomic number, atomic mass, natural isotopes and the percentage of them occurring naturally. Very useful.

This is one of the most complete and easily readable charts I've ever seen. I teach high school chemistry and I bought these for my students. There will be NO EXCUSE for them to get things right on their homework! These are excellent in my opinion.

My son loves these quick study/class aids. I like that they are pre-punched and have a coating for them. My son likes them because they are very handy and he can usually find items he is looking for without having to flip through a text book.

Missing some elements that were discovered since the 2002 print date, but that won't matter in most chemistry classes; otherwise high quality with lots of information, The lamination is good for when those crappy, taxpayer-funded sinks in the lab splash water all over your papers.

Honestly, I bought it not knowing what it was, it just listed among my books to buy for Intro To Chem Class, it was recommended but I bought it anyways and let me tell you. Most amazing periodic table ever. Dont use an online one or print one yourself, this is well made, color coded and everything. Simple amazing.

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