Periodic Chart of the Elements

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
← s →													← p electrons →					
1.008 $_{1}$**H**																		4.002 $_{2}$**He**
6.941 $_{3}$**Li**	9.012 $_{4}$**Be**	← d electrons →											10.81 $_{5}$**B**	12.01 $_{6}$**C**	14.01 $_{7}$**N**	16.00 $_{8}$**O**	19.00 $_{9}$**F**	20.18 $_{10}$**Ne**
23.99 $_{11}$**Na**	24.31 $_{12}$**Mg**												26.98 $_{13}$**Al**	28.09 $_{14}$**Si**	30.97 $_{15}$**P**	32.07 $_{16}$**S**	35.45 $_{17}$**Cl**	39.95 $_{18}$**Ar**
39.10 $_{19}$**K**	40.08 $_{20}$**Ca**		44.96 $_{21}$**Sc**	47.88 $_{22}$**Ti**	50.94 $_{23}$**V**	52.00 $_{24}$**Cr**	54.94 $_{25}$**Mn**	55.85 $_{26}$**Fe**	58.94 $_{27}$**Co**	58.69 $_{28}$**Ni**	63.55 $_{29}$**Cu**	65.39 $_{30}$**Zn**	69.72 $_{31}$**Ga**	72.61 $_{32}$**Ge**	74.92 $_{33}$**As**	78.96 $_{34}$**Se**	79.90 $_{35}$**Br**	83.80 $_{36}$**Kr**
85.47 $_{37}$**Rb**	87.62 $_{38}$**Sr**		88.91 $_{39}$**Y**	91.22 $_{40}$**Zr**	92.91 $_{41}$**Nb**	95.94 $_{42}$**Mo**	$_{43}$**Tc**	101.1 $_{44}$**Ru**	102.9 $_{45}$**Rh**	105.4 $_{46}$**Pd**	107.9 $_{47}$**Ag**	112.4 $_{48}$**Cd**	114.8 $_{49}$**In**	118.7 $_{50}$ **Sn**	121.8 $_{51}$**Sb**	127.6 $_{52}$**Te**	126.9 $_{53}$**I**	131.3 $_{54}$**Xe**
132.9 $_{55}$**Cs**	137.3 $_{56}$**Ba**	* 57-70	175.0 $_{71}$**Lu**	178.5 $_{72}$**Hf**	180.9 $_{73}$**Ta**	183.9 $_{74}$**W**	186.2 $_{75}$**Re**	192.2 $_{76}$**Ir**	190.2 $_{77}$**Os**	195.1 $_{78}$**Pt**	197.0 $_{79}$**Au**	200.6 $_{80}$**Hg**	204.4 $_{81}$**Tl**	207.2 $_{82}$**Pb**	209.0 $_{83}$**Bi**	$_{84}$**Po**	$_{85}$**At**	$_{86}$**Rn**
$_{87}$**Fr**	$_{88}$**Ra**	**89-102	$_{103}$**Lr**	$_{104}$**Rf**	$_{105}$**Db**	$_{106}$**Sg**	$_{107}$**Bh**	$_{108}$**Hs**	$_{109}$**Mt**									

The Lanthanide and Actinide Series (4f and 5f)

* → **4f**	138.9 $_{57}$**La**	140.1 $_{58}$**Ce**	140.9 $_{59}$**Pr**	144.2 $_{60}$**Nd**	$_{61}$**Pm**	154.4 $_{62}$**Sm**	152.0 $_{63}$**Eu**	157.3 $_{64}$**Gd**	158.9 $_{65}$**Tb**	162.5 $_{66}$**Dy**	164.9 $_{67}$**Ho**	167.3 $_{68}$**Er**	168.9 $_{69}$**Tm**	173.0 $_{70}$**Yb**
** → **5f**	$_{89}$**Ac**	232.0 $_{90}$**Th**	$_{91}$**Pa**	238.0 $_{92}$**U**	$_{93}$**Np**	$_{94}$**Pu**	$_{95}$**Am**	$_{96}$**Cm**	$_{97}$**Bk**	$_{98}$**Cf**	$_{99}$**Es**	$_{100}$**Fm**	$_{101}$**Md**	$_{102}$**No**

The molar masses given on this chart are to only 4 significant figures. For many elements one may use more significant figures. Use the tables that follow to obtain the molar mass to greater precision.