

Periodic Table of The Elements

Atomic Number Symbol Element Name Atomic Weight 1 H Hydrogen 1.008																		Alkali Metal Alkaline Earth Transition Metal Basic Metal Semimetal		Nonmetal Halogen Noble Gas Lanthanide Actinide																																																																																																																																																																																																																																																																																													
1 H Hydrogen 1.008		2 He Helium 4.003																																																																																																																																																																																																																																																																																																															
3 Li Lithium 6.941		4 Be Beryllium 9.012																																																																																																																																																																																																																																																																																																															
11 Na Sodium 22.990		12 Mg Magnesium 24.305																																																																																																																																																																																																																																																																																																															
<table><tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td></tr><tr><td>K</td><td>Ca</td><td>Sc</td><td>Ti</td><td>V</td><td>Cr</td><td>Mn</td><td>Fe</td><td>Co</td><td>Ni</td><td>Cu</td><td>Zn</td><td>Ga</td><td>Ge</td><td>As</td><td>Se</td><td>Br</td><td>Kr</td></tr><tr><td>Potassium</td><td>Calcium</td><td>Scandium</td><td>Titanium</td><td>Vanadium</td><td>Chromium</td><td>Manganese</td><td>Iron</td><td>Cobalt</td><td>Nickel</td><td>Copper</td><td>Zinc</td><td>Gallium</td><td>Germanium</td><td>Arsenic</td><td>Selenium</td><td>Bromine</td><td>Krypton</td></tr><tr><td>39.098</td><td>40.078</td><td>44.956</td><td>47.867</td><td>50.942</td><td>51.996</td><td>54.938</td><td>55.845</td><td>58.933</td><td>58.693</td><td>63.546</td><td>65.38</td><td>69.723</td><td>72.631</td><td>74.922</td><td>78.972</td><td>79.904</td><td>84.798</td></tr><tr><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td></tr><tr><td>Rb</td><td>Sr</td><td>Y</td><td>Zr</td><td>Nb</td><td>Mo</td><td>Tc</td><td>Ru</td><td>Rh</td><td>Pd</td><td>Ag</td><td>Cd</td><td>In</td><td>Sn</td><td>Sb</td><td>Te</td><td>I</td><td>Xe</td></tr><tr><td>Rubidium</td><td>Strontium</td><td>Yttrium</td><td>Zirconium</td><td>Niobium</td><td>Molybdenum</td><td>Technetium</td><td>Ruthenium</td><td>Rhodium</td><td>Palladium</td><td>Silver</td><td>Cadmium</td><td>Indium</td><td>Tin</td><td>Antimony</td><td>Tellurium</td><td>Iodine</td><td>Xenon</td></tr><tr><td>85.468</td><td>87.62</td><td>88.906</td><td>91.224</td><td>92.906</td><td>92.906</td><td>98.907</td><td>101.07</td><td>102.906</td><td>106.42</td><td>107.868</td><td>112.411</td><td>114.818</td><td>118.711</td><td>121.760</td><td>127.6</td><td>126.904</td><td>131.294</td></tr><tr><td>55</td><td>56</td><td>57-71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td></tr><tr><td>Cs</td><td>Ba</td><td></td><td>Hf</td><td>Ta</td><td>W</td><td>Re</td><td>Os</td><td>Ir</td><td>Pt</td><td>Au</td><td>Hg</td><td>Tl</td><td>Pb</td><td>Bi</td><td>Po</td><td>At</td><td>Rn</td></tr><tr><td>Cesium</td><td>Barium</td><td></td><td>Hafnium</td><td>Tantalum</td><td>Tungsten</td><td>Rhenium</td><td>Osmium</td><td>Iridium</td><td>Platinum</td><td>Gold</td><td>Mercury</td><td>Thallium</td><td>Lead</td><td>Bismuth</td><td>Polonium</td><td>Astatine</td><td>Radon</td></tr><tr><td>132.905</td><td>137.328</td><td></td><td>178.49</td><td>180.948</td><td>183.84</td><td>186.207</td><td>190.23</td><td>192.217</td><td>195.085</td><td>196.967</td><td>200.592</td><td>204.383</td><td>207.2</td><td>208.980</td><td>[208.982]</td><td>209.987</td><td>222.018</td></tr><tr><td>87</td><td>88</td><td>89-103</td><td>104</td><td>105</td><td>106</td><td>107</td><td>108</td><td>109</td><td>110</td><td>111</td><td>112</td><td>113</td><td>114</td><td>115</td><td>116</td><td>117</td><td>118</td></tr><tr><td>Fr</td><td>Ra</td><td></td><td>Rf</td><td>Db</td><td>Sg</td><td>Bh</td><td>Hs</td><td>Mt</td><td>Ds</td><td>Rg</td><td>Cn</td><td>Nh</td><td>Fl</td><td>Mc</td><td>Lv</td><td>Ts</td><td>Og</td></tr><tr><td>Francium</td><td>Radium</td><td></td><td>Rutherfordium</td><td>Dubnium</td><td>Seaborgium</td><td>Bohrium</td><td>Hassium</td><td>Meitnerium</td><td>Darmstadtium</td><td>Roentgenium</td><td>Copernicium</td><td>Nihonium</td><td>Flerovium</td><td>Moscovium</td><td>Livermorium</td><td>Tennessine</td><td>Oganesson</td></tr><tr><td>223.020</td><td>226.025</td><td></td><td>[261]</td><td>[262]</td><td>[266]</td><td>[264]</td><td>[269]</td><td>[268]</td><td>[269]</td><td>[272]</td><td>[277]</td><td>unknown</td><td>[289]</td><td>unknown</td><td>[298]</td><td>unknown</td><td>unknown</td></tr></table>																		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Potassium	Calcium	Scandium	Titanium	Vanadium	Chromium	Manganese	Iron	Cobalt	Nickel	Copper	Zinc	Gallium	Germanium	Arsenic	Selenium	Bromine	Krypton	39.098	40.078	44.956	47.867	50.942	51.996	54.938	55.845	58.933	58.693	63.546	65.38	69.723	72.631	74.922	78.972	79.904	84.798	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	Rubidium	Strontium	Yttrium	Zirconium	Niobium	Molybdenum	Technetium	Ruthenium	Rhodium	Palladium	Silver	Cadmium	Indium	Tin	Antimony	Tellurium	Iodine	Xenon	85.468	87.62	88.906	91.224	92.906	92.906	98.907	101.07	102.906	106.42	107.868	112.411	114.818	118.711	121.760	127.6	126.904	131.294	55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	Cesium	Barium		Hafnium	Tantalum	Tungsten	Rhenium	Osmium	Iridium	Platinum	Gold	Mercury	Thallium	Lead	Bismuth	Polonium	Astatine	Radon	132.905	137.328		178.49	180.948	183.84	186.207	190.23	192.217	195.085	196.967	200.592	204.383	207.2	208.980	[208.982]	209.987	222.018	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og	Francium	Radium		Rutherfordium	Dubnium	Seaborgium	Bohrium	Hassium	Meitnerium	Darmstadtium	Roentgenium	Copernicium	Nihonium	Flerovium	Moscovium	Livermorium	Tennessine	Oganesson	223.020	226.025		[261]	[262]	[266]	[264]	[269]	[268]	[269]	[272]	[277]	unknown	[289]	unknown	[298]	unknown	unknown
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