

1 IA		Mendelev's Periodic Table of Elements																18 VIIIA																																																																																																																											
1	1.0079 H Hydrogen													2	4.0025 He Helium																																																																																																																														
3	6.941 Li Lithium	4	9.0122 Be Beryllium									5	10.811 B Boron	6	12.011 C Carbon	7	14.007 N Nitrogen	8	15.999 O Oxygen	9	18.998 F Flourine	10	20.180 Ne Neon																																																																																																																						
11	22.990 Na Sodium	12	24.305 Mg Magnesium	3 IIIA	4 IVB	5 VB	6 VIB	7 VIIB	8 VIIIB	9 VIIIB	10 VIIIB	11 IB	12 IIB	13 Aluminium	14 Si Silicon	15 P Phosphorus	16 S Sulphur	17 Cl Chlorine	18 Ar Argon																																																																																																																										
19	39.098 K Potassium	20	40.078 Ca Calcium	21	44.956 Sc Scandium	22	47.867 Ti Titanium	23	50.942 V Vanadium	24	51.996 Cr Chromium	25	54.938 Mn Mangnese	26	55.845 Fe Iron	27	58.933 Co Cobalt	28	58.693 Ni Nickel	29	63.546 Cu Copper	30	65.39 Zn Zinc	31	69.723 Ga Gallium	32	72.64 Ge Germanium	33	74.922 As Arsenic	34	78.96 Se Selenium	35	79.904 Br Bromine	36	83.8 Kr Krypton																																																																																																										
37	85.468 Rb Rubidium	38	87.62 Sr Strontium	39	88.906 Y Yttrium	40	91.224 Zr Zirconium	41	92.906 Nb Niobium	42	95.94 Mo Molybdenum	43	96 Tc Technetium	44	101.07 Ru Ruthenium	45	102.91 Rh Rhodium	46	106.42 Pd Palladium	47	107.87 Ag Silver	48	112.41 Cd Cadmium	49	114.82 In Indium	50	118.71 Sn Tin	51	121.76 Sb Antimony	52	127.6 Te Tellurium	53	126.9 I Iodine	54	131.29 Xe Xenon																																																																																																										
55	132.91 Cs Caesium	56	137.33 Ba Barium	57-71 La-Lu Lanthanide		72	178.49 Hf Hafnium	73	180.95 Ta Tantalum	74	183.84 W Tungsten	75	186.21 Re Rhenium	76	190.23 Os Osmium	77	192.22 Ir Iridium	78	195.08 Pt Platinum	79	196.97 Au Gold	80	200.59 Hg Mercury	81	204.38 Tl Thallium	82	207.2 Pb Lead	83	208.98 Bi Bismuth	84	209 Po Polonium	85	210 At Astatine	86	222 Rn Radon																																																																																																										
87	223 Fr Francium	88	226 Ra Radium	89-103 Ac-Lr Actinide		104	261 Rf Rutherfordium	105	262 Db Dubnium	106	266 Sg Seaborgium	107	264 Bh Bohrium	108	277 Hs Hassium	109	268 Mt Meitnerium	110	281 Ds Darmstadtium	111	280 Rg Roentgenium	112	285 Uub Ununbium	113	284 Uut Ununtrium	114	289 Uuq Ununquadium	115	288 Uup Ununpentium	116	293 Uuh Ununhexium	117	292 Uus Ununseptium	118	294 Uuo Ununoctium																																																																																																										
<div><div>Alkali Metal</div><div>Alkaline Earth Metal</div><div>Metal</div><div>Metalloid</div><div>Non-metal</div><div>Halogen</div><div>Noble Gas</div><div>Lanthanide/Actinide</div></div> <div><div>Z</div><div>mass</div><div>Symbol</div><div>Name</div></div> <div>man-made</div>				<table><tr><td>57</td><td>138.91</td><td>58</td><td>140.12</td><td>59</td><td>140.91</td><td>60</td><td>144.24</td><td>61</td><td>145</td><td>62</td><td>150.36</td><td>63</td><td>151.96</td><td>64</td><td>157.25</td><td>65</td><td>158.93</td><td>66</td><td>162.50</td><td>67</td><td>164.93</td><td>68</td><td>167.26</td><td>69</td><td>168.93</td><td>70</td><td>173.04</td><td>71</td><td>174.97</td></tr><tr><td>La</td><td>Lanthanum</td><td>Ce</td><td>Cerium</td><td>Pr</td><td>Praseodymium</td><td>Nd</td><td>Neodymium</td><td>Pm</td><td>Promethium</td><td>Sm</td><td>Samarium</td><td>Eu</td><td>Europium</td><td>Gd</td><td>Gadolinium</td><td>Tb</td><td>Terbium</td><td>Dy</td><td>Dysprosium</td><td>Ho</td><td>Holmium</td><td>Er</td><td>Erbium</td><td>Tm</td><td>Thulium</td><td>Yb</td><td>Ytterbium</td><td>Lu</td><td>Lutetium</td></tr></table> <table><tr><td>89</td><td>227</td><td>90</td><td>232.04</td><td>91</td><td>231.04</td><td>92</td><td>238.03</td><td>93</td><td>237</td><td>94</td><td>244</td><td>95</td><td>243</td><td>96</td><td>247</td><td>97</td><td>247</td><td>98</td><td>251</td><td>99</td><td>252</td><td>100</td><td>257</td><td>101</td><td>258</td><td>102</td><td>259</td><td>103</td><td>262</td></tr><tr><td>Ac</td><td>Actinium</td><td>Th</td><td>Thorium</td><td>Pa</td><td>Protactinium</td><td>U</td><td>Uranium</td><td>Np</td><td>Neptunium</td><td>Pu</td><td>Plutonium</td><td>Am</td><td>Americium</td><td>Cm</td><td>Curium</td><td>Bk</td><td>Berkelium</td><td>Cf</td><td>Californium</td><td>Es</td><td>Einsteinium</td><td>Fm</td><td>Fermium</td><td>Md</td><td>Mendelevium</td><td>No</td><td>Nobelium</td><td>Lr</td><td>Lawrencium</td></tr></table>																		57	138.91	58	140.12	59	140.91	60	144.24	61	145	62	150.36	63	151.96	64	157.25	65	158.93	66	162.50	67	164.93	68	167.26	69	168.93	70	173.04	71	174.97	La	Lanthanum	Ce	Cerium	Pr	Praseodymium	Nd	Neodymium	Pm	Promethium	Sm	Samarium	Eu	Europium	Gd	Gadolinium	Tb	Terbium	Dy	Dysprosium	Ho	Holmium	Er	Erbium	Tm	Thulium	Yb	Ytterbium	Lu	Lutetium	89	227	90	232.04	91	231.04	92	238.03	93	237	94	244	95	243	96	247	97	247	98	251	99	252	100	257	101	258	102	259	103	262	Ac	Actinium	Th	Thorium	Pa	Protactinium	U	Uranium	Np	Neptunium	Pu	Plutonium	Am	Americium	Cm	Curium	Bk	Berkelium	Cf	Californium	Es	Einsteinium	Fm	Fermium	Md	Mendelevium	No	Nobelium	Lr	Lawrencium
57	138.91	58	140.12	59	140.91	60	144.24	61	145	62	150.36	63	151.96	64	157.25	65	158.93	66	162.50	67	164.93	68	167.26	69	168.93	70	173.04	71	174.97																																																																																																																
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