

137.33 Ba 56 barium	138.9055 La 57 lanthanum	140.12 Ce 58 cerium	140.9077 Pr 59 praseodymium	144.24 Nd 60 neodymium	145 Pm 61 promethium	150.36 Sm 62 samarium	151.965 Eu 63 europium	157.25 Gd 64 gadolinium	158.9253 Tb 65 terbium	162.5 Dy 66 dysprosium	164.9303 Ho 67 holmium	167.26 Er 68 erbium	168.9342 Tm 69 thulium	173.04 Yb 70 ytterbium	174.967 Lu 71 lutetium	178.49 Hf 72 hafnium
226.0254 Ra 88 radium	227 Ac 89 actinium	232.0381 Th 90 thorium	231.0359 Pa 91 protactinium	238.029 U 92 uranium	237.0482 Np 93 neptunium	244 Pu 94 plutonium	243 Am 95 americium	247 Cm 96 curium	247 Bk 97 berkelium	251 Cf 98 californium	252 Es 99 einsteinium	257 Fm 100 fermium	258 Md 101 mendelevium	259 No 102 nobelium	260 Lr 103 lawrencium	267 Rf 104 rutherfordium

40.078 Ca 20 calcium	44.9559 Sc 21 scandium	47.88 Ti 22 titanium	50.9415 V 23 vanadium	51.996 Cr 24 chromium	54.938 Mn 25 manganese	55.847 Fe 26 iron	58.9332 Co 27 cobalt	58.6934 Ni 28 nickel	63.456 Cu 29 copper	65.39 Zn 30 zinc	69.723 Ga 31 gallium	72.61 Ge 32 germanium
87.62 Sr 38 strontium	88.9059 Y 39 yttrium	91.224 Zr 40 zirconium	92.9064 Nb 41 niobium	95.94 Mo 42 molybdenum	98 Tc 43 technetium	101.07 Ru 44 ruthenium	102.9055 Rh 45 rhodium	106.42 Pd 46 palladium	107.868 Ag 47 silver	112.41 Cd 48 cadmium	114.82 In 49 indium	118.71 Sn 50 tin
137.33 Ba 56 barium		178.49 Hf 72 hafnium	180.9479 Ta 73 tantalum	183.85 W 74 tungsten	186.207 Re 75 rhenium	190.2 Os 76 osmium	192.22 Ir 77 iridium	195.08 Pt 78 platinum	196.9665 Au 79 gold	200.59 Hg 80 mercury	204.383 Tl 81 thallium	207.2 Pb 82 lead
226.0254 Ra 88 radium		267 Rf 104 rutherfordium	268 Db 105 dubnium	271 Sg 106 seaborgium	272 Bh 107 bohrium	270 Hs 108 hassium	276 Mt 109 meitnerium	281 Ds 110 darmstadtium	280 Rg 111 roentgenium	285 Cn 112 copernicium	284 Nh 113 nihonium	289 Fl 114 flerovium