

Harmonic Resonances: Grouping Elements in the Periodic Table with Prime Wave Theory (PWT)

Atomic Number	Symbol	Element	Prime Signature	Harmonic Prime Signature
1	H	Hydrogen	1	0
2	He	Helium	2	1/2
3	Li	Lithium	3	1/3
4	Be	Beryllium	2 ²	1
5	B	Boron	5	1/5
6	C	Carbon	2 × 3	5/6
7	N	Nitrogen	7	1/7
8	O	Oxygen	2 ³	3/2
9	F	Fluorine	3 ²	2/3
10	Ne	Neon	2 × 5	7/10
11	Na	Sodium	11	1/11
12	Mg	Magnesium	2 ² × 3	4/3
13	Al	Aluminium	13	1/13
14	Si	Silicon	2 × 7	9/14
15	P	Phosphorus	3 × 5	8/15
16	S	Sulfur	2 ⁴	2
17	Cl	Chlorine	17	1/17
18	Ar	Argon	2 × 3 ²	7/6
19	K	Potassium	19	1/19
20	Ca	Calcium	2 ² × 5	6/5
21	Sc	Scandium	3 × 7	10/21
22	Ti	Titanium	2 × 11	13/22
23	V	Vanadium	23	1/23
24	Cr	Chromium	2 ³ × 3	11/6
25	Mn	Manganese	5 ²	2/5
26	Fe	Iron	2 × 13	15/26
27	Co	Cobalt	3 ³	1
28	Ni	Nickel	2 ² × 7	11/7
29	Cu	Copper	29	1/29
30	Zn	Zinc	2 × 3 × 5	23/30
31	Ga	Gallium	31	1/31
32	Ge	Germanium	2 ⁵	5/2
33	As	Arsenic	3 × 11	14/33
34	Se	Selenium	2 × 17	19/34
35	Br	Bromine	5 × 7	12/35
36	Kr	Krypton	2 ² × 3 ²	5/3
37	Rb	Rubidium	37	1/37
38	Sr	Strontium	2 × 19	21/38
39	Y	Yttrium	3 × 13	16/39
40	Zr	Zirconium	2 ³ × 5	8/5
41	Nb	Niobium	41	1/41
42	Mo	Molybdenum	2 × 3 × 7	31/42

43	Tc	Technetium	43	1/43
44	Ru	Ruthenium	$2^2 \times 11$	13/11
45	Rh	Rhodium	$3^2 \times 5$	13/15
46	Pd	Palladium	2×23	25/46
47	Ag	Silver	47	1/47
48	Cd	Cadmium	$2^4 \times 3$	13/6
49	In	Indium	7^2	2/7
50	Sn	Tin	2×5^2	9/10
51	Sb	Antimony	3×17	20/51
52	Te	Tellurium	$2^2 \times 13$	15/13
53	I	Iodine	53	1/53
54	Xe	Xenon	2×3^3	10/9
55	Cs	Caesium	5×11	16/55
56	Ba	Barium	$2^3 \times 7$	15/7
57	La	Lanthanum	3×19	22/57
58	Ce	Cerium	2×29	31/58
59	Pr	Praseodymium	59	1/59
60	Nd	Neodymium	$2^2 \times 3 \times 5$	29/15
61	Pm	Promethium	61	1/61
62	Sm	Samarium	2×31	33/62
63	Eu	Europium	$3^2 \times 7$	16/21
64	Gd	Gadolinium	2^6	3
65	Tb	Terbium	5×13	18/65
66	Dy	Dysprosium	$2 \times 3 \times 11$	40/66
67	Ho	Holmium	67	1/67
68	Er	Erbium	$2^2 \times 17$	19/17
69	Tm	Thulium	3×23	26/69
70	Yb	Ytterbium	$2 \times 5 \times 7$	26/35
71	Lu	Lutetium	71	1/71
72	Hf	Hafnium	$2^3 \times 3^2$	2
73	Ta	Tantalum	73	1/73
74	W	Tungsten	2×37	39/74
75	Re	Rhenium	3×5^2	16/15
76	Os	Osmium	$2^2 \times 19$	21/19
77	Ir	Iridium	7×11	18/77
78	Pt	Platinum	$2 \times 3 \times 13$	45/78
79	Au	Gold	79	1/79
80	Hg	Mercury	$2^4 \times 5$	13/5
81	Tl	Thallium	3^4	4/3
82	Pb	Lead	2×41	43/82
83	Bi	Bismuth	83	1/83
84	Po	Polonium	$2^2 \times 3 \times 7$	38/21
85	At	Astatine	5×17	22/85
86	Rn	Radon	2×43	45/86
87	Fr	Francium	3×29	32/87

88	Ra	Radium	$2^3 \times 11$	25/22
89	Ac	Actinium	89	1/89
90	Th	Thorium	$2 \times 3^2 \times 5$	28/15
91	Pa	Protactinium	7×13	20/91
92	U	Uranium	$2^2 \times 23$	25/23
93	Np	Neptunium	3×31	34/93
94	Pu	Plutonium	2×47	49/94
95	Am	Americium	5×19	24/95
96	Cm	Curium	$2^5 \times 3$	19/6
97	Bk	Berkelium	97	1/97
98	Cf	Californium	2×7^2	15/14
99	Es	Einsteinium	$3^2 \times 11$	17/33
100	Fm	Fermium	$2^2 \times 5^2$	7/5
101	Md	Mendelevium	101	1/101
102	No	Nobelium	$2 \times 3 \times 17$	62/102
103	Lr	Lawrencium	103	1/103
104	Rf	Rutherfordium	$2^3 \times 13$	15/13
105	Db	Dubnium	$3 \times 5 \times 7$	47/105
106	Sg	Seaborgium	2×53	55/106
107	Bh	Bohrium	107	1/107
108	Hs	Hassium	$2^2 \times 3^3$	11/9
109	Mt	Meitnerium	109	1/109
110	Ds	Darmstadtium	$2 \times 5 \times 11$	38/110
111	Rg	Roentgenium	3×37	40/111
112	Cn	Copernicium	$2^4 \times 7$	17/7
113	Nh	Nihonium	113	1/113
114	Fl	Flerovium	$2 \times 3 \times 19$	60/114
115	Mc	Moscovium	5×23	28/115
116	Lv	Livermorium	$2^2 \times 29$	31/29
117	Ts	Tennessine	$3^2 \times 13$	19/39
118	Og	Oganesson	2×59	61/118