Challenge:
The periodic table below has some of the symbols missing. Try to fill in the blank spaces.

The Periodic Table of the Elements

Group → 1 2 3 4 5 6 7 8

Period ↓ 1 2 3 4 5 6 7

Atomic Mass	A
Atomic Number	Z
Symbol	Z
Element Name	Bnmhgt

1 **H** Hydrogen 1																	4 **He** Helium 2
7 Lithium 3	9 Beryllium 4											11 Boron 5	12 **C** Carbon 6	14 Nitrogen 7	16 **O** Oxygen 8	19 Fluorine 9	20 Neon 10
23 Sodium 11	24 Magnesium 12											27 Aluminium 13	28 **Si** Silicon 14	31 Phosphorus 15	32 Sulphur 16	35.5 Chlorine 17	40 Argon 18
39 **K** Potassium 19	40 **Ca** Calcium 20	45 **Sc** Scandium 21	48 **Ti** Titanium 22	51 Vanadium 23	52 **Cr** Chromium 24	55 **Mn** Manganese 25	56 Iron 26	59 Cobalt 27	59 **Ni** Nickel 28	64 Copper 29	65 **Zn** Zinc 30	70 Gallium 31	73 Germanium 32	75 **As** Arsenic 33	79 **Se** Selenium 34	80 Bromine 35	84 **Kr** Krypton 36
85.5 Rubidium 37	88 Strontium 38	89 Yttrium 39	91 **Zr** Zirconium 40	93 Niobium 41	96 **Mo** Molybdenum 42	99 **Tc** Technetium 43	101 Ruthenium 44	103 Rhodium 45	106 Palladium 46	108 **Ag** Silver 47	112 **Cd** Cadmium 48	115 **In** Indium 49	119 Tin 50	122 Antimony 51	128 **Te** Tellurium 52	127 Iodine 53	131 Xenon 54
133 Caesium 55	137 **Ba** Barium 56	139 **La** Lanthanum 57	178.5 Hafnium 72	181 **Ta** Tantalum 73	184 Tungsten 74	186 **Re** Rhenium 75	190 Osmium 76	192 Iridium 77	195 Platinum 78	197 Gold 79	201 **Hg** Mercury 80	204 Thallium 81	207 **Pb** Lead 82	209 Bismuth 83	210 Polonium 84	210 **At** Astatine 85	222 Radon 86
223 **Fr** Francium 87	226 **Ra** Radium 88	227 Actinium 89	261 Rutherfordium 104														

Lanthanides	140 Cerium 58	141 **Pr** Praseodymium 59	144 Neodymium 60	147 **Pm** Promethium 61	150 **Sm** Samarium 62	152 Europium 63	157 Gadolinium 64	159 **Tb** Terbium 65	162.5 **Dy** Dysprosium 66	165 Holmium 67	167 **Er** Erbium 68	169 Thulium 69	173 **Yb** Ytterbium 70	175 **Lu** Lutetium 71
Actinides	232 Thorium 90	231 Protactinium 91	238 Uranium 92	237 **Np** Neptunium 93	242 Plutonium 94	243 **Am** Americium 95	247 Curium 96	247 **Bk** Berkelium 97	251 Californium 98	254 **Es** Einsteinium 99	253 Fermium 100	256 Mendelevium 101	254 **No** Nobelium 102	257 Lawrencium 103