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	2																	Group 18	
	3																	Group 18	
	4																	Group 18	
	5																	Group 18	
	6																	Group 18	
	7																	Group 18	

Key:

Atomic number — 13
 Symbol — **Al**
 Name — Aluminum
 Average atomic mass — 26.981 5386
 Electron configuration — $[\text{Ne}]3s^23p^1$

- Hydrogen
- Semiconductors (also known as metalloids)
- Metals**
 - Alkali metals
 - Alkaline-earth metals
 - Transition metals
 - Other metals
- Nonmetals**
 - Halogens
 - Noble gases
 - Other nonmetals

* The systematic names and symbols for elements greater than 112 will be used until the approval of trivial names by IUPAC.

The discoveries of elements with atomic numbers 113–118 have been reported but not fully confirmed.

Elements whose average atomic masses appear bolded and italicized are recognized by the International Union of Pure and Applied Chemistry (IUPAC) to have several stable isotopes. Thus, the average atomic mass for each of these elements is officially expressed as a range of values. A range of values expresses that the average atomic mass of a sample of one of these elements is not a constant in nature but varies depending on the physical, chemical, and nuclear history of the material in which the sample is found. However, the values in this table are appropriate for everyday calculations. A value given in parentheses is not an average atomic mass but is the mass number of that element's most stable or most common isotope.

58 Ce Cerium 140.116 $[\text{Xe}]4f^15d^16s^2$	59 Pr Praseodymium 140.907 65 $[\text{Xe}]4f^36s^2$	60 Nd Neodymium 144.242 $[\text{Xe}]4f^46s^2$	61 Pm Promethium (145) $[\text{Xe}]4f^56s^2$	62 Sm Samarium 150.36 $[\text{Xe}]4f^66s^2$	63 Eu Europium 151.964 $[\text{Xe}]4f^76s^2$	64 Gd Gadolinium 157.25 $[\text{Xe}]4f^75d^16s^2$	65 Tb Terbium 158.925 35 $[\text{Xe}]4f^96s^2$	66 Dy Dysprosium 162.500 $[\text{Xe}]4f^106s^2$	67 Ho Holmium 164.930 32 $[\text{Xe}]4f^116s^2$	68 Er Erbium 167.259 $[\text{Xe}]4f^126s^2$	69 Tm Thulium 168.934 21 $[\text{Xe}]4f^136s^2$	70 Yb Ytterbium 173.04 $[\text{Xe}]4f^146s^2$	71 Lu Lutetium 174.967 $[\text{Xe}]4f^145d^16s^2$
90 Th Thorium 232.038 06 $[\text{Rn}]6d^27s^2$	91 Pa Protactinium 231.035 88 $[\text{Rn}]5f^26d^17s^2$	92 U Uranium 238.028 91 $[\text{Rn}]5f^36d^17s^2$	93 Np Neptunium (237) $[\text{Rn}]5f^46d^17s^2$	94 Pu Plutonium (244) $[\text{Rn}]5f^67s^2$	95 Am Americium (243) $[\text{Rn}]5f^77s^2$	96 Cm Curium (247) $[\text{Rn}]5f^76d^17s^2$	97 Bk Berkelium (247) $[\text{Rn}]5f^97s^2$	98 Cf Californium (251) $[\text{Rn}]5f^107s^2$	99 Es Einsteinium (252) $[\text{Rn}]5f^117s^2$	100 Fm Fermium (257) $[\text{Rn}]5f^127s^2$	101 Md Mendelevium (258) $[\text{Rn}]5f^137s^2$	102 No Nobelium (259) $[\text{Rn}]5f^147s^2$	103 Lr Lawrencium (262) $[\text{Rn}]5f^146d^17s^2$