

| Period | Group 1 | Group 2 | | | | | | | | | | | Group 13 | Group 14 | Group 15 | Group 16 | Group 17 | Group 18 | |
|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 1 | H 1310 | | | | | | | | | | | | | | | | | | He 2370 |
| 2 | Li 520 | Be 900 | | | | | | | | | | | B 800 | C 1090 | N 1400 | O 1310 | F 1680 | Ne 2080 | |
| 3 | Na 490 | Mg 730 | | | | | | | | | | | Al 580 | Si 780 | P 1060 | S 1000 | Cl 1250 | Ar 1520 | |
| 4 | K 420 | Ca 590 | Sc 630 | Ti 660 | V 650 | Cr 660 | Mn 710 | Fe 760 | Co 760 | Ni 730 | Cu 740 | Zn 910 | Ga 580 | Ge 780 | As 960 | Se 950 | Br 1140 | Kr 1350 | |
| 5 | Rb 400 | Sr 550 | Y 620 | Zr 660 | Nb 670 | Mo 680 | Tc 700 | Ru 710 | Rh 720 | Pd 800 | Ag 730 | Cd 870 | In 560 | Sn 700 | Sb 830 | Te 870 | I 1010 | Xe 1170 | |
| 6 | Cs 380 | Ba 500 | La 540 | Hf 700 | Ta 760 | W 770 | Re 760 | Os 840 | Ir 890 | Pt 870 | Au 890 | Hg 1000 | Tl 590 | Pb 710 | Bi 800 | Po 810 | At ... | Rn 1030 | |
| 7 | Fr ... | Ra 510 | | | | | | | | | | | | | | | | | |

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|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 1 | H 1310 | | | | | | | | | | | | | | | | | | He 2370 |
| 2 | Li 520 | Be 900 | | | | | | | | | | | B 800 | C 1090 | N 1400 | O 1310 | F 1680 | Ne 2080 | |
| 3 | Na 490 | Mg 730 | | | | | | | | | | | Al 580 | Si 780 | P 1060 | S 1000 | Cl 1250 | Ar 1520 | |
| 4 | K 420 | Ca 590 | Sc 630 | Ti 660 | V 650 | Cr 660 | Mn 710 | Fe 760 | Co 760 | Ni 730 | Cu 740 | Zn 910 | Ga 580 | Ge 780 | As 960 | Se 950 | Br 1140 | Kr 1350 | |
| 5 | Rb 400 | Sr 550 | Y 620 | Zr 660 | Nb 670 | Mo 680 | Tc 700 | Ru 710 | Rh 720 | Pd 800 | Ag 730 | Cd 870 | In 560 | Sn 700 | Sb 830 | Te 870 | I 1010 | Xe 1170 | |
| 6 | Cs 380 | Ba 500 | La 540 | Hf 700 | Ta 760 | W 770 | Re 760 | Os 840 | Ir 890 | Pt 870 | Au 890 | Hg 1000 | Tl 590 | Pb 710 | Bi 800 | Po 810 | At ... | Rn 1030 | |
| 7 | Fr ... | Ra 510 | | | | | | | | | | | | | | | | | |