|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Period 1 | [**1 H**](https://www.chemicool.com/elements/hydrogen.html) |  | | | | | | | | | | | | | | | | [**2 He**](https://www.chemicool.com/elements/helium.html) |
| 2 | [**3 Li**](https://www.chemicool.com/elements/lithium.html) | [**4 Be**](https://www.chemicool.com/elements/beryllium.html) |  | | | | | | | | | | [**5 B**](https://www.chemicool.com/elements/boron.html) | [**6 C**](https://www.chemicool.com/elements/carbon.html) | [**7 N**](https://www.chemicool.com/elements/nitrogen.html) | [**8 O**](https://www.chemicool.com/elements/oxygen.html) | [**9 F**](https://www.chemicool.com/elements/fluorine.html) | [**10 Ne**](https://www.chemicool.com/elements/neon.html) |
| 3 | [**11 Na**](https://www.chemicool.com/elements/sodium.html) | [**12 Mg**](https://www.chemicool.com/elements/magnesium.html) | [**13 Al**](https://www.chemicool.com/elements/aluminum.html) | [**14 Si**](https://www.chemicool.com/elements/silicon.html) | [**15 P**](https://www.chemicool.com/elements/phosphorus.html) | [**16 S**](https://www.chemicool.com/elements/sulfur.html) | [**17 Cl**](https://www.chemicool.com/elements/chlorine.html) | [**18 Ar**](https://www.chemicool.com/elements/argon.html) |
| 4 | [**19 K**](https://www.chemicool.com/elements/potassium.html) | [**20 Ca**](https://www.chemicool.com/elements/calcium.html) | [**21 Sc**](https://www.chemicool.com/elements/scandium.html) | [**22 Ti**](https://www.chemicool.com/elements/titanium.html) | [**23 V**](https://www.chemicool.com/elements/vanadium.html) | [**24 Cr**](https://www.chemicool.com/elements/chromium.html) | [**25 Mn**](https://www.chemicool.com/elements/manganese.html) | [**26 Fe**](https://www.chemicool.com/elements/iron.html) | [**27 Co**](https://www.chemicool.com/elements/cobalt.html) | [**28 Ni**](https://www.chemicool.com/elements/nickel.html) | [**29 Cu**](https://www.chemicool.com/elements/copper.html) | [**30 Zn**](https://www.chemicool.com/elements/zinc.html) | [**31 Ga**](https://www.chemicool.com/elements/gallium.html) | [**32 Ge**](https://www.chemicool.com/elements/germanium.html) | [**33 As**](https://www.chemicool.com/elements/arsenic.html) | [**34 Se**](https://www.chemicool.com/elements/selenium.html) | [**35 Br**](https://www.chemicool.com/elements/bromine.html) | [**36 Kr**](https://www.chemicool.com/elements/krypton.html) |
| 5 | [**37 Rb**](https://www.chemicool.com/elements/rubidium.html) | [**38 Sr**](https://www.chemicool.com/elements/strontium.html) | [**39 Y**](https://www.chemicool.com/elements/yttrium.html) | [**40 Zr**](https://www.chemicool.com/elements/zirconium.html) | [**41 Nb**](https://www.chemicool.com/elements/niobium.html) | [**42 Mo**](https://www.chemicool.com/elements/molybdenum.html) | [**43 Tc**](https://www.chemicool.com/elements/technetium.html) | [**44 Ru**](https://www.chemicool.com/elements/ruthenium.html) | [**45 Rh**](https://www.chemicool.com/elements/rhodium.html) | [**46 Pd**](https://www.chemicool.com/elements/palladium.html) | [**47 Ag**](https://www.chemicool.com/elements/silver.html) | [**48 Cd**](https://www.chemicool.com/elements/cadmium.html) | [**49 In**](https://www.chemicool.com/elements/indium.html) | [**50 Sn**](https://www.chemicool.com/elements/tin.html) | [**51 Sb**](https://www.chemicool.com/elements/antimony.html) | [**52 Te**](https://www.chemicool.com/elements/tellurium.html) | [**53 I**](https://www.chemicool.com/elements/iodine.html) | [**54 Xe**](https://www.chemicool.com/elements/xenon.html) |
| 6 | [**55 Cs**](https://www.chemicool.com/elements/cesium.html) | [**56 Ba**](https://www.chemicool.com/elements/barium.html) | [**57-71**](https://www.chemicool.com/longperiodictable.html) | [**72 Hf**](https://www.chemicool.com/elements/hafnium.html) | [**73 Ta**](https://www.chemicool.com/elements/tantalum.html) | [**74 W**](https://www.chemicool.com/elements/tungsten.html) | [**75 Re**](https://www.chemicool.com/elements/rhenium.html) | [**76 Os**](https://www.chemicool.com/elements/osmium.html) | [**77 Ir**](https://www.chemicool.com/elements/iridium.html) | [**78 Pt**](https://www.chemicool.com/elements/platinum.html) | [**79 Au**](https://www.chemicool.com/elements/gold.html) | [**80 Hg**](https://www.chemicool.com/elements/mercury.html) | [**81 Tl**](https://www.chemicool.com/elements/thallium.html) | [**82 Pb**](https://www.chemicool.com/elements/lead.html) | [**83 Bi**](https://www.chemicool.com/elements/bismuth.html) | [**84 Po**](https://www.chemicool.com/elements/polonium.html) | [**85 At**](https://www.chemicool.com/elements/astatine.html) | [**86 Rn**](https://www.chemicool.com/elements/radon.html) |
| 7 | [**87 Fr**](https://www.chemicool.com/elements/francium.html) | [**88 Ra**](https://www.chemicool.com/elements/radium.html) | [**89-103**](https://www.chemicool.com/longperiodictable.html) | [**104 Rf**](https://www.chemicool.com/elements/rutherfordium.html) | [**105 Db**](https://www.chemicool.com/elements/dubnium.html) | [**106 Sg**](https://www.chemicool.com/elements/seaborgium.html) | [**107 Bh**](https://www.chemicool.com/elements/bohrium.html) | [**108 Hs**](https://www.chemicool.com/elements/hassium.html) | [**109 Mt**](https://www.chemicool.com/elements/meitnerium.html) | [**110 Ds**](https://www.chemicool.com/elements/darmstadtium.html) | [**111 Rg**](https://www.chemicool.com/elements/roentgenium.html) | [**112 Cn**](https://www.chemicool.com/elements/copernicium.html) | [**113 Nh**](https://www.chemicool.com/elements/nihonium.html) | [**114 Fl**](https://www.chemicool.com/elements/flerovium.html) | [**115 Mc**](https://www.chemicool.com/elements/moscovium.html) | [**116 Lv**](https://www.chemicool.com/elements/livermorium.html) | [**117 Ts**](https://www.chemicool.com/elements/tennessine.html) | [**118 Og**](https://www.chemicool.com/elements/oganesson.html) |
|  | | | |  | | | | | | | | | | | | | | |
|  | | | [**57 La**](https://www.chemicool.com/elements/lanthanum.html) | [**58 Ce**](https://www.chemicool.com/elements/cerium.html) | [**59 Pr**](https://www.chemicool.com/elements/praseodymium.html) | [**60 Nd**](https://www.chemicool.com/elements/neodymium.html) | [**61 Pm**](https://www.chemicool.com/elements/promethium.html) | [**62 Sm**](https://www.chemicool.com/elements/samarium.html) | [**63 Eu**](https://www.chemicool.com/elements/europium.html) | [**64 Gd**](https://www.chemicool.com/elements/gadolinium.html) | [**65 Tb**](https://www.chemicool.com/elements/terbium.html) | [**66 Dy**](https://www.chemicool.com/elements/dysprosium.html) | [**67 Ho**](https://www.chemicool.com/elements/holmium.html) | [**68 Er**](https://www.chemicool.com/elements/erbium.html) | [**69 Tm**](https://www.chemicool.com/elements/thulium.html) | [**70 Yb**](https://www.chemicool.com/elements/ytterbium.html) | [**71 Lu**](https://www.chemicool.com/elements/lutetium.html) |  |
|  | | | [**89 Ac**](https://www.chemicool.com/elements/actinium.html) | [**90 Th**](https://www.chemicool.com/elements/thorium.html) | [**91 Pa**](https://www.chemicool.com/elements/protactinium.html) | [**92 U**](https://www.chemicool.com/elements/uranium.html) | [**93 Np**](https://www.chemicool.com/elements/neptunium.html) | [**94 Pu**](https://www.chemicool.com/elements/plutonium.html) | [**95 Am**](https://www.chemicool.com/elements/americium.html) | [**96 Cm**](https://www.chemicool.com/elements/curium.html) | [**97 Bk**](https://www.chemicool.com/elements/berkelium.html) | [**98 Cf**](https://www.chemicool.com/elements/californium.html) | [**99 Es**](https://www.chemicool.com/elements/einsteinium.html) | [**100 Fm**](https://www.chemicool.com/elements/fermium.html) | [**101 Md**](https://www.chemicool.com/elements/mendelevium.html) | [**102 No**](https://www.chemicool.com/elements/nobelium.html) | [**103 Lr**](https://www.chemicool.com/elements/lawrencium.html) |  |