AP Chemistry Periodic Table and Common Ions Cheat Sheet

by jryn17 (jryn17) via cheatography.com/41902/cs/12654/

Group 1	
Hydrogen	H
Lithium	Li
Sodium	Na
Potassium	K
Rubidium	Rb
Cesium	Cs
Francium	Fr

Group 2	
Beryllium	Be
Magnesium	Mg
Calcium	Ca
Strontium	Sr
Barium	Ba
Radium	Ra

Group 13	
Boron	B
Aluminum	Al
Gallium	Ga
Indium	In
Titanium	Ti

Group 14	
Carbon	C
Silicon	Si
Germanium	Ge
Tin	Sn
Lead	Pb

Group 15	
Nitrogen	N
Phosphorous	P
Arsenic	As
Antimony	Sb
Bismuth	Bi

Group 16	
Oxygen	O
Sulfur	S
Selenium	Se
Tellurium	Te
Polonium	Po

Group 17	
Fluorine	F
Chlorine	Cl
Bromine	Br
Iodine	I
Astatine	At

Group 18	
Helium	He
Neon	Ne
Argon	Ar
Krypton	Kr
Xenon	Xe
Radon	Rn

1+	
Ammonium	$NH4^{+}$
Copper(I)	Cu^{+}
Hydrogen/Hydronium	H^{+},$H3O^{+}$
Lithium	Li^{+}
Potassium	K^{+}
Silver	Ag^{+}
Sodium	Na^{+}

2+	
Barium	Ba^{2+}
Cadmium	Cd^{2+}
Calcium	Ca^{2+}
Cobalt	Co^{2+}
Chromium(II)	Cr^{2+}
Copper(II)	Cu^{2+}
Iron(II)	Fe^{2+}
Lead(II)	Pb^{2+}
Magensium	Mg^{2+}
Manganese(II)	Mn^{2+}
Mercury(I)	Hg^{2+}
Mercury(II)	Hg^{2+}
Nickel	Ni^{2+}
Strontium	Sr^{2+}
Tin(II)	Sn^{2+}
Zinc	Zn^{2+}

By **jryn17** (jryn17)
cheatography.com/jryn17/

Published 29th August, 2017.
Last updated 30th August, 2017.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
https://apollopad.com

3+	
Aluminum	Al^{3+}
Chromium(III)	Cr^{3+}
Iron(III)	Fe^{3+}
Scandium	Sc^{3+}

4+	
Tin(IV)	Sn^{4+}

1-	
Acetate	$C2H3O2^{-}$
Bromide	Br^{-}
Hydrogen Carbonate (Bicarbonate)	$HCO3^{-}$
Chlorate	$ClO3^{-}$
Chlorite	$ClO2^{-}$
Chloride	Cl^{-}
Flouride	F^{-}
Hydride	H^{-}
Hydroxide	OH^{-}
Hypochlorite	ClO^{-}
Iodide	I^{-}
Nitrate	$NO3^{-}$
Nitrite	$NO2^{-}$
Perchlorate	$ClO4^{-}$
Permanganate	$MnO4^{-}$
Dihydrogen Phosphate	$H2PO4^{-}$
Hydrogen Sulfate (Bisulfate)	$HSO4^{-}$
Hydrogen Sulfite (Bisulfite)	$HSO3^{-}$
Hydrogen Sulfide (Bisulfide	HS^{-}

2-	
Carbonate	$CO3^{2-}$
Chromate	$CrO4^{2-}$
DiChromate	$Cr2O7^{2-}$
Oxalate	$C2O4^{2-}$
Monohydrogen Phosphate	$HPO4^{2-}$
Sulfate	$SO4^{2-}$
Sulfite	$SO3^{2-}$
Sulfide	S^{2-}

3-	
Phosphate	$PO4^{3-}$
Phosphite	$PO3^{3-}$

By **jryn17** (jryn17)
cheatography.com/jryn17/

Published 29th August, 2017.
Last updated 30th August, 2017.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
https://apollopad.com