

Polyatomic Formulas WS

PERIODIC TABLE OF THE ELEMENTS

1	2
H Hydrogen 1.01	
3	4
Li Lithium 6.94	Be Beryllium 9.01
11	12
Na Sodium 22.99	Mg Magnesium 24.31

Legend

Atomic Number
1

Element Symbol
H

Element Name
Hydrogen

Average Atomic Mass
1.01

13	14	15	16	17	18
B Boron 10.81	C Carbon 12.01	N Nitrogen 14.01	O Oxygen 16.00	F Fluorine 19.00	Ne Neon 20.18
31	32	33	34	35	36
Al Aluminum 26.98	Si Silicon 28.09	P Phosphorus 30.97	S Sulfur 32.06	Cl Chlorine 35.45	Ar Argon 39.95

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K Potassium 39.10	Ca Calcium 40.08	Sc Scandium 44.96	Ti Titanium 47.87	V Vanadium 50.94	Cr Chromium 52.00	Mn Manganese 54.94	Fe Iron 55.85	Co Cobalt 58.93	Ni Nickel 58.69	Cu Copper 63.55	Zn Zinc 65.38	Ga Gallium 69.72	Ge Germanium 72.63	As Arsenic 74.92	Se Selenium 78.97	Br Bromine 79.90	Kr Krypton 83.80
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Rb Rubidium 85.47	Sr Strontium 87.62	Y Yttrium 88.91	Zr Zirconium 91.22	Nb Niobium 92.91	Mo Molybdenum 95.95	Tc Technetium (97)	Ru Ruthenium 101.07	Rh Rhodium 102.91	Pd Palladium 106.42	Ag Silver 107.87	Cd Cadmium 112.41	In Indium 114.82	Sn Tin 118.71	Sb Antimony 121.76	Te Tellurium 127.60	I Iodine 126.90	Xe Xenon 131.29
55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cs Cesium 132.91	Ba Barium 137.33		Hf Hafnium 178.49	Ta Tantalum 180.95	W Tungsten 183.84	Re Rhenium 186.21	Os Osmium 190.23	Ir Iridium 192.22	Pt Platinum 195.08	Au Gold 196.97	Hg Mercury 200.59	Tl Thallium 204.38	Pb Lead 207.2	Bi Bismuth 208.98	Po Polonium (209)	At Astatine (210)	Rn Radon (222)
87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
Fr Francium (223)	Ra Radium (226)		Rf Rutherfordium (267)	Db Dubnium (268)	Sg Seaborgium (269)	Bh Bohrium (270)	Hs Hassium (269)	Mt Meitnerium (277)	Ds Darmstadtium (281)	Rg Roentgenium (282)	Cn Copernicium (285)	Nh Nihonium (286)	Fl Flerovium (290)	Mc Moscovium (290)	Lv Livermorium (293)	Ts Tennessine (294)	Og Oganesson (294)

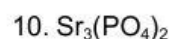
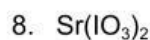
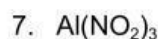
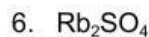
57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
La Lanthanum 138.91	Ce Cerium 140.12	Pr Praseodymium 140.91	Nd Neodymium 144.24	Pm Promethium (145)	Sm Samarium 150.36	Eu Europium 151.96	Gd Gadolinium 157.25	Tb Terbium 158.93	Dy Dysprosium 162.50	Ho Holmium 164.93	Er Erbium 167.26	Tm Thulium 168.93	Yb Ytterbium 173.05	Lu Lutetium 174.97
89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
Ac Actinium (227)	Th Thorium 232.04	Pa Protactinium 231.04	U Uranium 238.03	Np Neptunium (237)	Pu Plutonium (244)	Am Americium (243)	Cm Curium (247)	Bk Berkelium (247)	Cf Californium (251)	Es Einsteinium (252)	Fm Fermium (257)	Md Mendelevium (258)	No Nobelium (259)	Lr Lawrencium (262)

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Polyatomic Ions	
NH ₄ ⁺	ammonium
BrO ₃ ⁻	bromate
C ₂ H ₃ O ₂ ⁻	acetate
ClO ₄ ⁻	perchlorate
ClO ₃ ⁻	chlorate
ClO ₂ ⁻	chlorite
ClO ⁻	hypochlorite
CN ⁻	cyanide
C ₂ O ₄ ²⁻	oxalate
CO ₃ ²⁻	carbonate
CrO ₄ ²⁻	chromate
Cr ₂ O ₇ ²⁻	dichromate
HCO ₃ ⁻	hydrogen carbonate
HSO ₄ ⁻	hydrogen sulfate
IO ₃ ⁻	iodate
MnO ₄ ⁻	permanganate
NO ₃ ⁻	nitrate
NO ₂ ⁻	nitrite
OH ⁻	hydroxide
O ₂ ²⁻	peroxide
SCN ⁻	thiocyanate
SO ₄ ²⁻	sulfate
SO ₃ ²⁻	sulfite
PO ₄ ³⁻	phosphate
PO ₃ ³⁻	phosphite

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Write the Formulas for questions 1-5 and write the names of the formulas for 6-10.



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