

Periodic Table of the Elements

										2	
										Helium	
										He	
										4.00	
										10	
										Neon	
										Ne	
										20.18	
										18	
										Argon	
										Ar	
										39.95	
										35	
										Chlorine	
										Cl	
										35.45	
										32	
										Sulfur	
										S	
										32.07	
										34	
										Selenium	
										Se	
										78.96	
										51	
										Antimony	
										Sb	
										121.76	
										50	
										Tin	
										Sn	
										118.71	
										81	
										Thallium	
										Tl	
										204.38	
										112	
										Copper	
										Cu	
										63.55	
										47	
										Silver	
										Ag	
										107.87	
										78	
										Platinum	
										Pt	
										195.08	
										109	
										Iridium	
										Ir	
										192.22	
										108	
										Osmium	
										Os	
										190.23	
										107	
										Rhenium	
										Re	
										186.21	
										106	
										Tungsten	
										W	
										183.84	
										105	
										Tantalum	
										Ta	
										180.95	
										73	
										Hafnium	
										Hf	
										178.49	
										104	
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										Rf	
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										109	
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										Mt	
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										At	
										209.99	
										208.98	
										Polonium	
										Po	
										208.98	
										84	
										Lead	
										Pb	
										207.20	
										83	
										Bismuth	
										Bi	
										208.98	
										82	
										Tellurium	
										Te	
										127.60	
										53	
										Iodine	
										I	
										126.90	
										54	
										Xenon	
										Xe	
										131.29	
										83	
										Krypton	
										Kr	
										83.80	
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										Bromine	
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										Ge	
										72.61	
										31	
										Gallium	
										Ga	
										69.72	
										49	
										Indium	
										In	
										114.82	
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										Zn	
										65.39	
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										Copper	
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										Nickel	
										Ni	
										58.69	
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										Cobalt	
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										58.93	
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										Iron	
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										55.85	
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										Manganese	
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										54.94	
										24	
										Chromium	
										Cr	
										52.00	
										23	
										Vanadium	
										V	
										50.94	
										22	
										Titanium	
										Ti	
										47.87	
										21	
										Scandium	
										Sc	
										44.96	
										20	
										Calcium	
										Ca	
										40.08	
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										Potassium	
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										39.10	
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										Strontium	
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										87.62	
										85	
										Rubidium	
										Rb	
										85.47	
										57	
										Lanthanum	
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										138.91	
										56	
										Barium	
										Ba	
										137.33	
										88	
										Radium	
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										[264]	
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										[294]	
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										222.02	
										209.99	
										Astatine	
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										Co	
										58.93	
										26	
										Iron	
										Fe	
										55.85	
										25	
										Manganese	

Common Polyatomic Ions

+1 CHARGE		-1 CHARGE		-2 CHARGE		-3 CHARGE		-4 CHARGE	
ion	name	ion	name	ion	name	ion	name	ion	name
NH_4^+	ammonium	H_2PO_3^-	dihydrogen phosphite	HPO_3^{2-}	hydrogen phosphite	PO_3^{3-}	phosphite	$\text{P}_2\text{O}_7^{4-}$	pyrophosphate
H_3O^+	hydronium	H_2PO_4^-	dihydrogen phosphate	HPO_4^{2-}	hydrogen phosphate	PO_4^{3-}	phosphate		
Hg_2^{2+}	mercury(I)	~~HCO_3^-~~	~~hydrogen carbonate~~	CO_3^{2-}	carbonate	PO_2^{3-}	hypophosphite		
		HSO_3^-	hydrogen sulfite	SO_3^{2-}	sulfite	AsO_3^{3-}	arsenite		
		HSO_4^-	hydrogen sulfate	SO_4^{2-}	sulfate	AsO_4^{3-}	arsenate		
		NO_2^-	nitrite	$\text{S}_2\text{O}_3^{2-}$	thiosulfate	BO_3^{3-}	Borate		
		NO_3^-	nitrate	SiO_3^{2-}	silicate				
		OH^-	hydroxide	C_2^{2-}	carbide				
		CH_3COO^-	acetate	$\text{C}_2\text{O}_4^{2-}$	oxalate				
		CrO_2^-	chromite	CrO_4^{2-}	chromate				
		CN^-	cyanide	$\text{Cr}_2\text{O}_7^{2-}$	dichromate				
		CNO^-	cyanate	$\text{C}_4\text{H}_4\text{O}_6^{2-}$	tartrate				
		~~CNS^-~~	~~thiocyanate~~	MoO_4^{2-}	molybdate				
		O_2^-	superoxide	O_2^{2-}	peroxide				
		MnO_4^-	permanganate	S_2^{2-}	disulfide				
		ClO^-	hypochlorite						
		ClO_2^-	chlorite						
		ClO_3^-	chlorate						
		ClO_4^-	perchlorate						
		BrO^-	hypobromite						
		BrO_2^-	bromite						
		BrO_3^-	bromate						
		BrO_4^-	perbromate						
		IO^-	hypoiodite						
		IO_2^-	iodite						
		IO_3^-	iodate						
		IO_4^-	periodate						
		AlO_2^-	aluminate						
		N_3^-	azide						

HCO_3^- Bicarbonate