

Fill in the following table with either the formula of the ion or the name of the ion.

Formula	Name
$P^{3-}$	
	Peroxide ion
$N^{3-}$	
	Hydride ion
$O^{2-}$	
	Hydroxide ion
$S^{2-}$	
	Iodide ion
$CN^{-}$	
	Fluoride ion

PERIODIC CHART OF THE ELEMENTS

1 H 1.00797																	1 H 1.00797	2 He 4.0026					
3 Li 6.939	4 Be 9.0122																	5 B 10.811	6 C 12.0112	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.183
11 Na 22.98976928	12 Mg 24.304																	13 Al 26.9815385	14 Si 28.086	15 P 30.973761998	16 S 32.064	17 Cl 35.453	18 Ar 39.948
19 K 39.0983	20 Ca 40.08	21 Sc 44.955912	22 Ti 47.88	23 V 50.9415	24 Cr 51.9961	25 Mn 54.938045	26 Fe 55.847	27 Co 58.9332	28 Ni 58.71	29 Cu 63.546	30 Zn 65.376	31 Ga 69.723	32 Ge 72.597	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80						
37 Rb 85.47	38 Sr 87.62	39 Y 88.905848	40 Zr 91.224	41 Nb 92.90638	42 Mo 95.94	43 Tc (99)	44 Ru 101.07	45 Rh 102.9055	46 Pd 106.42	47 Ag 107.8682	48 Cd 112.411	49 In 114.818	50 Sn 118.610	51 Sb 121.757	52 Te 127.603	53 I 126.90451	54 Xe 131.304						
55 Cs 132.90545196	56 Ba 137.327	*57 La 138.90487	72 Hf 178.49	73 Ta 180.94788	74 W 183.85	75 Re 186.207	76 Os 190.23	77 Ir 192.222	78 Pt 195.084	79 Au 196.966569	80 Hg 200.59	81 Tl 204.377	82 Pb 207.19	83 Bi 208.9804	84 Po [210]	85 At [210]	86 Rn [222]						
87 Fr (223)	88 Ra (226)	†89 Ac (227)	104 Rf (261)	105 Db (262)	106 Sg (266)	107 Bh (262)	108 Hs (265)	109 Mt (266)	110 ? (271)	111 ? (272)	112 ? (277)												

\* Lanthanide Series

56 Ce 140.12	59 Pr 140.907	60 Nd 144.24	61 Pm (147)	62 Sm 150.35	63 Eu 151.96	64 Gd 157.25	65 Tb 158.924	66 Dy 162.50	67 Ho 164.930	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.97
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† Actinide Series

90 Th 232.038	91 Pa (231)	92 U 238.03	93 Np (237)	94 Pu (242)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (249)	99 Es (254)	100 Fm (253)	101 Md (256)	102 No (256)	103 Lr (257)
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