<u>CHM 1025C</u>	<u>George W.J. Kenney, Jr</u>	<u>CPS-1</u>	<u>Ch 5 Table 5.1</u>	<u>09-Sept-2009</u>
NO CREDIT IF Y	OU: Fail to put in the Units	& Properl	y Round, Fail to sho	w ALL math work
Max Grade: 103	points PRINT NA	AME ON		
		(1 pt)	Test End time	
		(1 pt)	Test Start time	
		(1 pt)	Test Elapsed time	

A. Answer the following (10 Points each = 100 pts)

		<u>Symbol</u>		Symbol/Name
1.	Lithium		5. Chloride	
2.	Barium		6. O ²⁻	
3.	Aluminum		7. F ⁻	
4.	Sulfide		8. Magnesium	

9. What is the molecular weight of water, H-OH. The molecular weights are available in the periodic chart below. SHOW ALL MATH.

10. 25000. x 3.

DID YOU CHECK FOR SIGNIFICANT DIGITS	Yes	No
DID YOU CHECK FOR PROPER UNITS	Yes	No
How do you rate this test from 1 to 10		

1 = Very Easy, can do it with my eyes closed, 10= Very Very Difficult, could not do any of the problems

Chem 1025C

1	1 H 1.008	2A											3A	4A	5A	6A	7A	2 He 4.003
2	3 Li 6.941	4 Be 9.012											5 B 10.81	6 C 12.01	7 N 14.01	8 0 16.00	9 F 19.00	10 Ne 20.18
3	11 Na 22.99	12 Mg 24.31	_									_	13 Al 26.98	14 Si 28.09	15 P 30.97	16 S 32.07	17 Cl 35.45	18 Ar 39.95
4	19 K 39.10	20 Ca 40.08	21 Sc 44.96	22 Ti 47.88	23 V 50.94	24 Cr 52.00	25 Mn 54.94	26 Fe 55.85	27 Co 58.93	28 Ni 58.69	29 Cu 63.55	30 Zn 65.38	31 Ga 69.72	32 Ge 72.59	33 As 74.92	34 Se 78.96	35 Br 79.90	36 Kr 83.80
5	37 Rb 85.47	38 Sr 87.62	39 Y 88.91	40 Zr 91.22	41 Nb 92.91	42 Mo 95.94	43 Tc (98)	44 Ru 101.1	45 Rh 102.9	46 Pd 106.4	47 Ag 107.9	48 Cd 112.4	49 In 114.8	50 Sn 118.7	51 Sb 121.8	52 Te 127.6	53 I 126.9	54 Xe 131.3
6	55 Cs 132.9	56 Ba 137.3	57 La* 138.9	72 Hf 178.5	73 Ta 180.9	74 W 183.9	75 Re 186.2	76 Os 190.2	77 Ir 192.2	78 Pt 195.1	79 Au 197.0	80 Hg 200.6	81 TI 204.4	82 Pb 207.2	83 Bi 209.0	84 Po (209)	85 At (210)	86 Rn (222)
7	87 Fr (223)	88 Ra 226	89 Ac** (227)	104 Rf (261)	105 Db (262)	106 Sg (263)	107 Bh (264)	108 Hs (265)	109 Mt (268)	110 Ds (271)	111 Rg (272)	112 Uub	113 Uut	114 Uuq	115 Uup			