CHM 1025C   **George W.J. Kenney, Jr**   **CPS-1**   **Ch 1, 2**   **18-May-2009**

NO CREDIT IF YOU: Fail to put in the Units & Properly Round, Fail to show ALL math work

Max Grade: 106 points   **PRINT NAME ON LINE** _____

CHECK CORRECT BOX OR LOOSE 20 PTS   **Test End time**   _____

Wed Afternoon Lab □   **Test Start time**   _____

Wed Evening Lab   □   **Test Elapsed time** _____

Max Test Grade 102

(20 pt) 1. The tables that you have to memorize for a few weeks from now are in Chapter_____

(20 pt) 2. When you go to a Chemistry Lab, you will not be allowed to take the lab if:

(20 pt) 3. When you go to a Chemistry Lab, you will not be allowed to take the lab if:

(20 pt) 4. . Last weeks and todays lecture deal with numbers and significant digits. What are the two main rules that I teach in this class pertaining to the number of significant digits:

(20 pt) 5. Solve the following problem: `123.456`
                                                         `12.3456`
                                             `+      1.23456`

(1pt) DID YOU CHECK FOR SIGNIFICANT DIGITS   _____ Yes   _____ No

(1 pt) DID YOU CHECK FOR PROPER UNITS   _____ Yes   _____ No

(1 pt) 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

Periodic table with groups labeled 1, 2A, 3A, 4A, 5A, 6A, 7A and transition metals.

	1	2A											3A	4A	5A	6A	7A	
1	**H** 1.008																	**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 **O** 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 **Tl** 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**			