

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

**PRINT YOUR NAME on the line:** \_\_\_\_\_

Your start time on this test \_\_\_\_\_

Your finish time on this test: \_\_\_\_\_

Time it took you to do this test: \_\_\_\_\_

**1. (100 pts, 5 pts ea) Naming / Structures: Fill in the blanks**

	<u>FORMULAE</u>	<u>NAME</u>	<u>CIRCLE CORRECT ANS</u>
1.1	_____	Sodium Nitrate	Soluble –or- Insoluble
1.2	Cs Br	_____	Soluble –or- Insoluble
1.3	_____	Calcium Phosphate	Soluble –or- Insoluble
1.4	HNO <sub>3</sub>	_____	Soluble –or- Insoluble
1.5	Fe (OH) <sub>3</sub>	_____	Soluble –or- Insoluble
1.6	_____	Copper (II) Chloride	Soluble –or- Insoluble
1.7	Pb Br <sub>2</sub>	_____	Soluble –or- Insoluble
1.8	_____	Ammonium Perchlorate	Soluble –or- Insoluble
1.9	Ag Cl	_____	Soluble –or- Insoluble
1.10	H <sub>3</sub> PO <sub>4</sub>	_____	Soluble –or- Insoluble

**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 of Elements

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

metals ← → nonmetals