

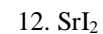
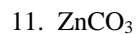
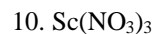
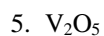
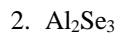
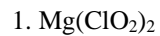
Name _____

Honors Chemistry

___/___/___

Ionic Compounds Pop-Quiz

Part I: Name each of the following.



Part III: Write the formula for each of the following.

1. sodium sulfate

2. palladium(II) nitrate

3. magnesium carbide

4. ammonium hypochlorite

5. radium phosphite

6. silver chlorite

7. iron(III) oxide

8. hydrogen cyanide

9. nickel(II) iodide

10. mercury(I) chlorate

11. osmium(VI) nitride

12. gold(III) nitrite

13. yttrium silicate

14. strontium chlorite

15. copper(I) nitrate

PERIODIC TABLE OF THE ELEMENTS

1	2											3	4	5	6	7	8	9	10
H	He											B	C	N	O	F	Ne		
1.0079	4.0026											10.811	12.011	14.007	16.00	19.00	20.179		
3	4											13	14	15	16	17	18		
Li	Be											Al	Si	P	S	Cl	Ar		
6.941	9.012											26.98	28.09	30.974	32.06	35.453	39.948		
11	12											31	32	33	34	35	36		
Na	Mg											Ga	Ge	As	Se	Br	Kr		
22.99	24.30											69.72	72.59	74.92	78.96	79.90	83.80		
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr		
39.10	40.08	44.96	47.90	50.94	52.00	54.938	55.85	58.93	58.69	63.55	65.39	69.72	72.59	74.92	78.96	79.90	83.80		
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54		
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe		
85.47	87.62	88.91	91.22	92.91	95.94	(98)	101.1	102.91	106.42	107.87	112.41	114.82	118.71	121.75	127.60	126.91	131.29		
55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86		
Cs	Ba	*La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn		
132.91	137.33	138.91	178.49	180.95	183.85	186.21	190.2	192.2	195.08	196.97	200.59	204.38	207.2	208.98	(209)	(210)	(222)		
87	88	89	104	105	106	107	108	109	110	111	112								
Fr	Ra	†Ac	Rf	Db	Sg	Bh	Hs	Mt	§	§	§								
(223)	226.02	227.03	(261)	(262)	(263)	(262)	(265)	(266)	(269)	(272)	(277)								

§ Not yet named

*Lanthanide Series													
58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
140.12	140.91	144.24	(145)	150.4	151.97	157.25	158.93	162.50	164.93	167.26	168.93	173.04	174.97
90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
232.04	231.04	238.03	237.05	(244)	(243)	(247)	(247)	(251)	(252)	(257)	(258)	(259)	(260)

† Actinide Series

