

Name: _____

Block: _____

Date: _____

Chemistry 11

**Ionic Formulas, Acids and
Dissociation Equations**

Assignment

For each combination indicated by the cells below look up the charges on the ions and, write the

a) **ionic formula**b) **name**c) and **dissociation equation** ($AB_{(s)} \rightarrow A^{+}_{(aq)} + B^{-}_{(aq)}$)

Note: - **all ionic compounds** (start with metals) are **solids** at room temperature.

- For those compounds that start with **H**, the **two largest** formulas are **solids**, the next **three larger formulas** are **liquids**, and the **two smallest** are **gases**.

The final one, which you can **drink**, is a **liquid**.

	Li	Mg	Al	NH ₄	K	Ca	*H
OH	1	2	3	4	5	6	7
SO ₄	8	9	10	11	12	13	14
Br	15	16	17	18	19	20	21
NO ₃	22	23	24	25	26	27	28
PO ₃	29	30	31	32	33	34	35
S	36	37	38	39	40	41	42
C ₂ O ₄	43	44	45	46	47	48	49
Cr ₂ O ₇	50	51	52	53	54	55	56