Ionic Bonds Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_ Ast: \_\_\_\_\_

Take your card around the classroom looking for other atoms that you might bond with. Remember, positive ions can only bond with negative ions and vice versa. When you find one you can bond with, write each symbol and charge in the appropriate columns, then decide between yourselves what the formula would be (remember to form “neutral compounds”) and write it in the “Formula” column. Finally, write the correct name for the ionic compound based on the naming-rules in your notes. After you have created 5 compounds, bring your card to Mr. Hanna to switch out and do another 5. Repeat the process until you fill the table below.

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| Positive Ion | Negative Ion | Formula | Name |
| Mg2+ | Cl1- | MgCl2 | magnesium chloride |
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