**Dot Diagrams of Ionic Compounds**

Chemistry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period: 1 2 3 4 5 6 7

**Write the electron dot diagrams and formulas for the compounds formed by these pairs of ions:**

|  |  |  |
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| **NAME** | **ELECTRON DOT DIAGRAM**  ..  .. | **FORMULA** |
| Ba2+, Cl- | [Ba]2+ 2 [:Cl:]- | BaCl2 |
| Cs+, Se2- |  |  |
| K+, I- |  |  |
| Cr2+, S2- |  |  |
| Al3+, Br- |  |  |
| Al3+, N3- |  |  |
| Na+, P3- |  |  |
| Sn4+, O2- |  |  |
| Pb2+, C4- |  |  |
| Cr6+, S2- |  |  |
| Ga3+, O2- |  |  |
| Pb2+, As3- |  |  |