**Precipitation Reactions Lab**

We’re going to watch aqueous reaction on the molecular level using a simulation! Mix the two aqueous reactants together and see what happens:

1. Go to <https://javalab.org/en/precipitation_reaction_en/>.
2. Add the reactants to see what happens.
3. Write the precipitate that forms and the color of the precipitate.
   1. If no precipitate forms, write “No reaction.”
4. Write the number of the rule used in your solubility rules table.

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| **Reactants** | **Precipitate** | **Color** | **Rule Number** |
| Na2CO3 and BaCl2 |  |  |  |
| Na2CO3 and KI |  |  |  |
| Na2CO3 and AgNO3 |  |  |  |
| Na2S and AgNO3 |  |  |  |
| Na2S and Pb(NO3)2 |  |  |  |
| Na2S and KBr |  |  |  |
| NaCl and AgNO3 |  |  |  |
| BaCl2 and CuSO4 |  |  |  |
| NaCl and CuSO4 |  |  |  |
| CuSO4 and Pb(NO3)2 |  |  |  |
| KI and Pb(NO3)2 |  |  |  |