

## 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/](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.
  - a. If no precipitate forms, write "No reaction."
4. Write the number of the rule used in your solubility rules table.

Reactants	Precipitate	Color	Rule Number
$\text{Na}_2\text{CO}_3$ and $\text{BaCl}_2$			
$\text{Na}_2\text{CO}_3$ and $\text{KI}$			
$\text{Na}_2\text{CO}_3$ and $\text{AgNO}_3$			
$\text{Na}_2\text{S}$ and $\text{AgNO}_3$			
$\text{Na}_2\text{S}$ and $\text{Pb}(\text{NO}_3)_2$			
$\text{Na}_2\text{S}$ and $\text{KBr}$			
$\text{NaCl}$ and $\text{AgNO}_3$			
$\text{BaCl}_2$ and $\text{CuSO}_4$			
$\text{NaCl}$ and $\text{CuSO}_4$			
$\text{CuSO}_4$ and $\text{Pb}(\text{NO}_3)_2$			
$\text{KI}$ and $\text{Pb}(\text{NO}_3)_2$			