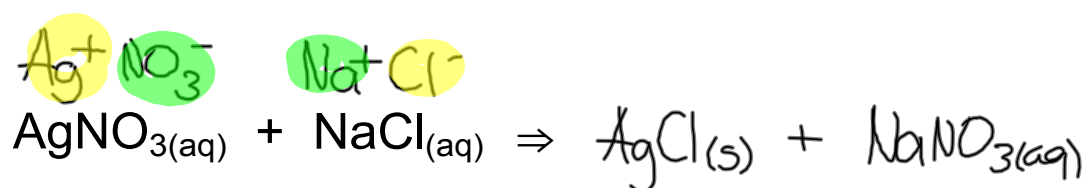
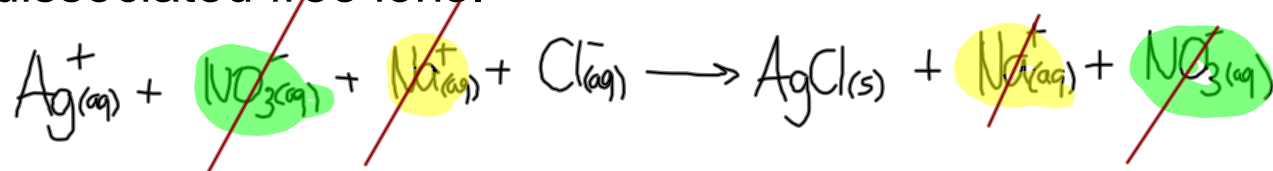


# Reactions in Aqueous Solutions



## Complete Ionic Equation

An equation that shows dissolved ionic compounds as dissociated free ions.



## Spectator Ion

An ion that appears on both sides of the equation and is not directly involved in the reaction.

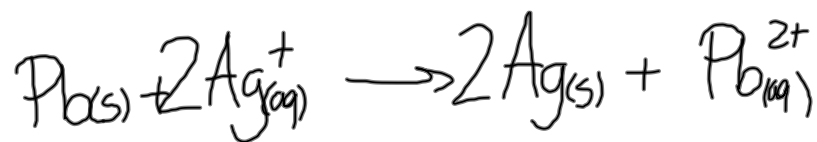
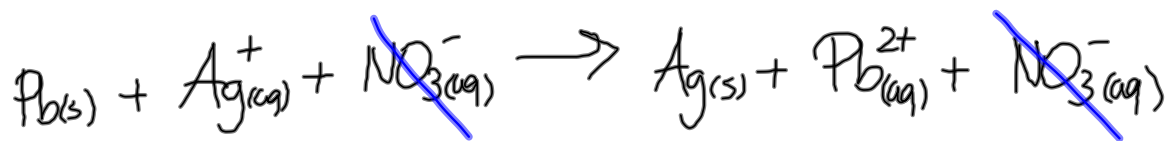
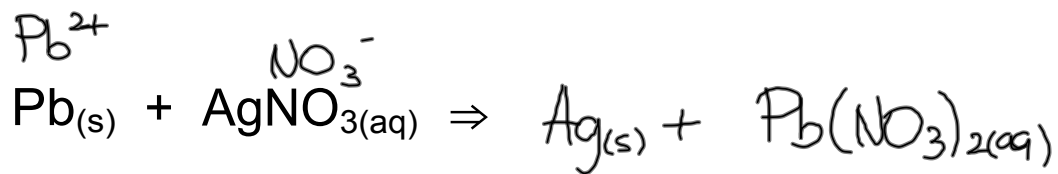


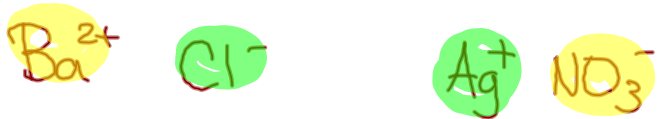
## Net Ionic Equation

An equation for a reaction in solution that only shows the particles directly involved in the reaction.

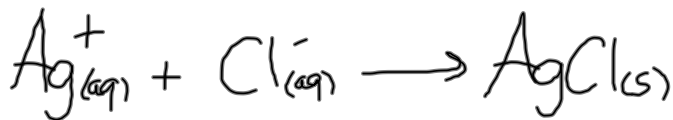
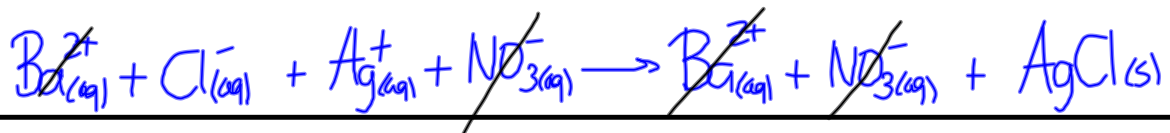
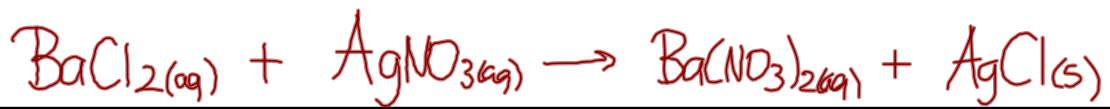


**\*All net ionic equations must be balanced with respect to both mass and charge**





barium chloride and silver nitrate



# Homework

**Worksheet**

**p. 343 #28, 29**

**p. 344 #30-35**

$\text{Cu}^{2+} \text{NO}_3^-$      $\text{Ca}^{2+} \text{OH}^-$   
Copper(II)nitrate and calcium hydroxide

