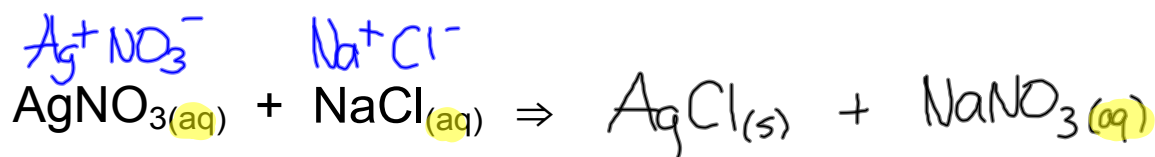
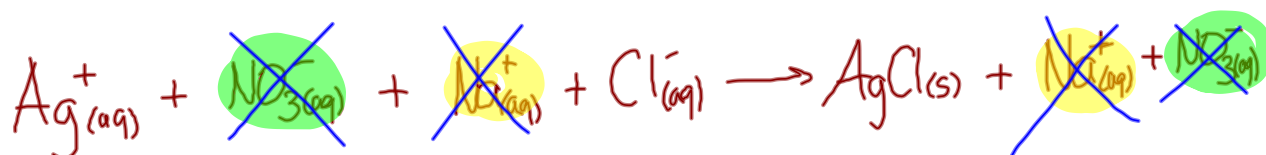


# Reactions in Aqueous Solutions



## Complete Ionic Equation

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



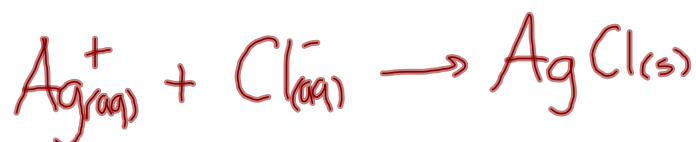
## Spectator Ion

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

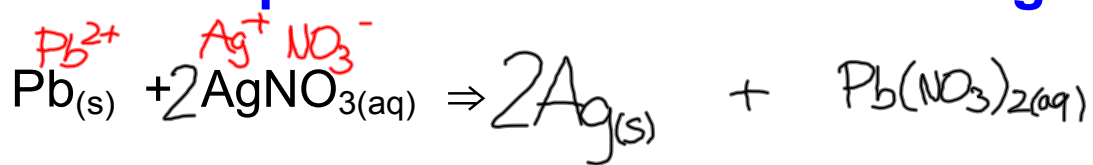


## Net Ionic Equation

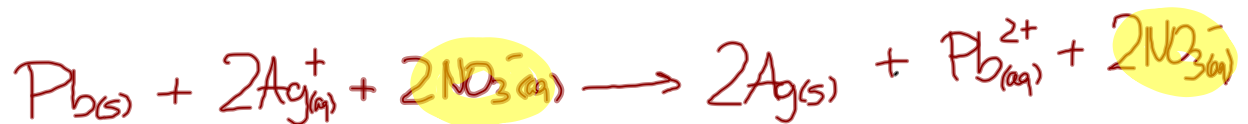
An equation for a reaction in solution that only shows the particles directly involved in the reaction.



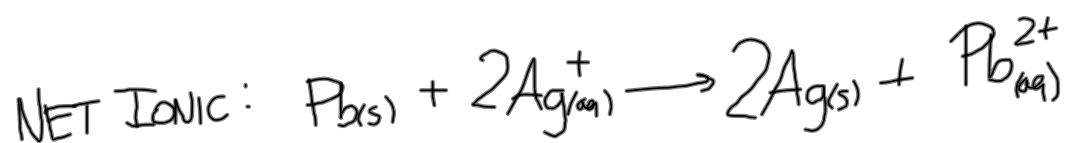
**\*All net ionic equations must be balanced with respect to both mass and charge**



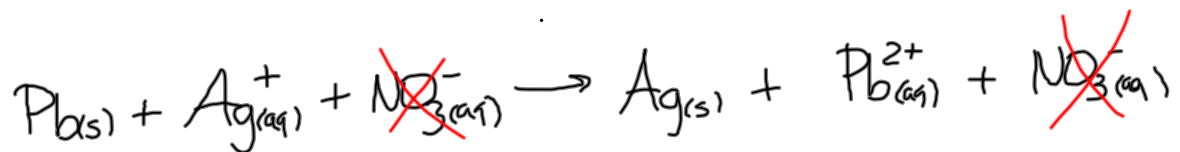
COMPLETE IONIC:



SPECTATOR IONS:  $\text{NO}_3^-_{(aq)}$



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



# Homework

**Worksheet**

**p. 343 #28, 29**

**p. 344 #30-35**