

Worksheet # C41: Net Ionic Equations

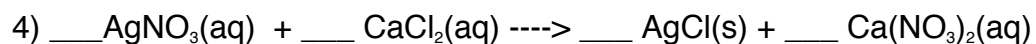
I. Short Answer:

1. What is an ionic equation? _____

2. What is a spectator ion? _____

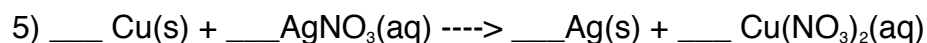
3. What is a net ionic equation? _____

II. For each of the following, first balance the equation. Then write out (cie) the complete ionic equation and (nie) the net ionic equation for each.



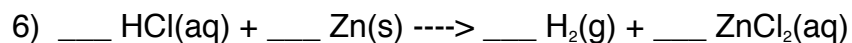
cie) _____

nie) _____



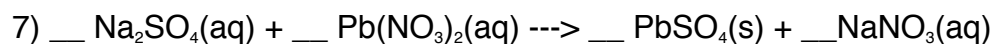
cie) _____

nie) _____



cie) _____

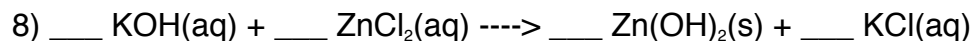
nie) _____



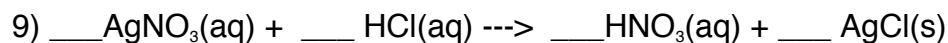
cie) _____

nie) _____

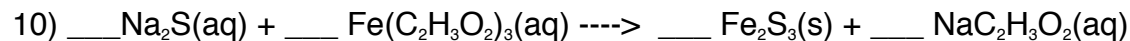
III. Now see if you can skip the long step. First, balance the equation. Then write out **just the net ionic equations** for each.



nie) _____

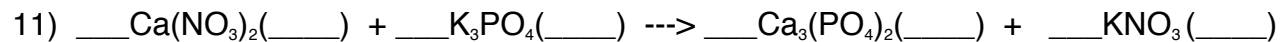


nie) _____

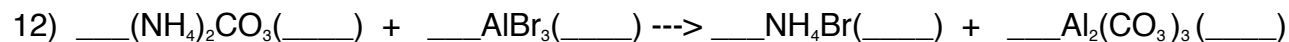


nie) _____

For these last two, balance the equations and show which of the chemicals is (s) and which is (aq). Then show the **net ionic equation** for each.



nie) _____



nie) _____