

**Note from Mr. Groves... CHECK your work... don't just COPY the answers.**

	⑧ $K_2CrO_4$	⑦ $CuSO_4$	⑥ $Ba(OH)_2$	⑤ $Pb(NO_3)_2$	④ $Na_2CO_3$	③ $KCl$	② $(NH_4)_2SO_4$
① $AgNO_3$	$Ag_2CrO_4$ $KNO_3$	$Cu(NO_3)_2$ $Ag_2SO_4$	$Ba(NO_3)_2$ $AgOH$	$AgNO_3$ $Pb(NO_3)_2$	$Ag_2CO_3$ $NaNO_3$	$KNO_3$ $AgCl$	$Ag_2SO_4$ $NH_4NO_3$
② $(NH_4)_2SO_4$	$(NH_4)_2CrO_4$ $K_2SO_4$	$CuSO_4$ $(NH_4)_2SO_4$	$BaSO_4$ $NH_4OH$	$NH_4NO_3$ $PbSO_4$	$Na_2SO_4$ $(NH_4)_2CO_3$	$K_2SO_4$ $NH_4Cl$	
③ $KCl$	$K_2CrO_4$ $KCl$	$CuCl_2$ $K_2SO_4$	$BaCl_2$ $KOH$	$KNO_3$ $PbCl_2$	$NaCl$ $K_2CO_3$		
④ $Na_2CO_3$	$Na_2CrO_4$ $K_2CO_3$	$CuCO_3$ $Na_2SO_4$	$BaCO_3$ $NaOH$	$PbCO_3$ $NaNO_3$			
⑤ $Pb(NO_3)_2$	$PbCrO_4$ $KNO_3$	$Cu(NO_3)_2$ $PbSO_4$	$Ba(NO_3)_2$ $Pb(OH)_2$				
⑥ $Ba(OH)_2$	$BaCrO_4$ $KOH$	$Cu(OH)_2$ $BaSO_4$					
⑦ $CuSO_4$	$CuCrO_4$ $K_2SO_4$						

## Follow Up Answers

### 1 & 8

- $2 \text{AgNO}_3(\text{aq}) + \text{K}_2\text{CrO}_4(\text{aq}) \rightarrow \text{Ag}_2\text{CrO}_4(\text{s}) + 2 \text{KNO}_3(\text{aq})$
- $2 \text{Ag}^+ + 2 \text{NO}_3^- + 2 \text{K}^+ + \text{CrO}_4^{2-} \rightarrow \text{Ag}_2\text{CrO}_4(\text{s}) + 2 \text{K}^+ + 2 \text{NO}_3^-$
- $2 \text{Ag}^+ + \text{CrO}_4^{2-} \rightarrow \text{Ag}_2\text{CrO}_4(\text{s})$

### 1 & 6

- $2\text{AgNO}_3(\text{aq}) + \text{Ba}(\text{OH})_2(\text{aq}) \rightarrow 2\text{AgOH}(\text{s}) + \text{Ba}(\text{NO}_3)_2(\text{aq})$
- $2\text{Ag}^+ + 2\text{NO}_3^- + \text{Ba}^{2+} + 2\text{OH}^- \rightarrow 2\text{AgOH}(\text{s}) + \text{Ba}^{2+} + 2\text{NO}_3^-$
- $\text{Ag}^+ + \text{OH}^- \rightarrow \text{AgOH}(\text{s})$

### 1 & 4

- $2\text{AgNO}_3(\text{aq}) + \text{Na}_2\text{CO}_3(\text{aq}) \rightarrow \text{Ag}_2\text{CO}_3(\text{s}) + 2\text{NaNO}_3(\text{aq})$
- $2\text{Ag}^+ + 2\text{NO}_3^- + 2\text{Na}^+ + \text{CO}_3^{2-} \rightarrow \text{Ag}_2\text{CO}_3(\text{s}) + 2\text{Na}^+ + 2\text{NO}_3^-$
- $2\text{Ag}^+ + \text{CO}_3^{2-} \rightarrow \text{Ag}_2\text{CO}_3(\text{s})$

### 1 & 3

- $\text{AgNO}_3(\text{aq}) + \text{KCl}(\text{aq}) \rightarrow \text{AgCl}(\text{s}) + \text{KNO}_3(\text{aq})$
- $\text{Ag}^+ + \text{NO}_3^- + \text{K}^+ + \text{Cl}^- \rightarrow \text{AgCl}(\text{s}) + \text{K}^+ + \text{NO}_3^-$
- $\text{Ag}^+ + \text{Cl}^- \rightarrow \text{AgCl}(\text{s})$