

CHE101 - Extra Practice - Chapter 8: Reactions - F19 - Ver. 6

Name: _____

Class: _____

Date: _____

Answer the following reactions. Balance all charges, balance the reaction, include states when known. Write NR if no reaction occurs.

1. $__\text{NH}_4\text{Cl (aq)} + __\text{Ca(OH)}_2\text{ (s)} \longrightarrow$
2. $__\text{C}_5\text{H}_{12} + __\text{O}_2\text{ (g)} \longrightarrow$
3. $__\text{Ag}_2\text{SO}_4\text{ (s)} + __\text{K (s)} \longrightarrow$
4. $__\text{Al(OH)}_3\text{ (aq)} + __\text{H}_2\text{SO}_4\text{ (aq)} \longrightarrow$
5. $__\text{H}_3\text{AsO}_4\text{ ()} + __\text{Na}_2\text{CO}_3\text{ (aq)} \longrightarrow$
6. $__\text{H}_3\text{AsO}_4\text{ ()} + __\text{K (s)} \longrightarrow$
7. $__\text{H}_3\text{PO}_4\text{ (aq)} + __\text{LiOH (aq)} \longrightarrow$
8. $__\text{HF (aq)} + __\text{Al(OH)}_3\text{ (aq)} \longrightarrow$
9. $__\text{Sc(OH)}_3\text{ (aq)} + __\text{H}_2\text{SO}_4\text{ (aq)} \longrightarrow$
10. $__\text{NH}_4\text{F ()} + __\text{Al(OH)}_3\text{ (s)} \longrightarrow$
11. $__\text{CH}_3\text{OH} + __\text{O}_2\text{ (g)} \longrightarrow$
12. $__\text{C}_2\text{H}_5\text{OH} + __\text{O}_2\text{ (g)} \longrightarrow$
13. $__\text{HNO}_3\text{ (aq)} + __\text{Al}_2\text{(SO}_3)_3\text{ ()} \longrightarrow$
14. $__\text{Mg (s)} + __\text{CaF}_2\text{ ()} \longrightarrow$
15. $__\text{F}_2\text{ (g)} + __\text{ZnI}_2\text{ (aq)} \longrightarrow$
16. $__\text{H}_2\text{SO}_4\text{ (aq)} + __\text{MgCO}_3\text{ (s)} \longrightarrow$
17. $__\text{C}_3\text{H}_8 + __\text{O}_2\text{ (g)} \longrightarrow$
18. $__\text{H}_2\text{SO}_4\text{ (aq)} + __\text{KOH (aq)} \longrightarrow$
19. $__\text{Al (s)} + __\text{ZnCO}_3\text{ (s)} \longrightarrow$
20. $__\text{HCl (aq)} + __\text{F}_2\text{ (g)} \longrightarrow$

CHE101 - Extra Practice - Chapter 8: Reactions - F19 - Ver. 6

