

## CHE101 - Extra Practice - Chapter 8: Reactions - F19 - Ver. 2

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

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

1.  $\text{H}_2 (\text{g}) + \text{Na}_3\text{AsO}_4 (\text{aq}) \longrightarrow$
2.  $\text{Ca}(\text{OH})_2 (\text{aq}) + \text{H}_3\text{PO}_4 (\text{aq}) \longrightarrow$
3.  $\text{KBr} (\text{aq}) + \text{F}_2 (\text{g}) \longrightarrow$
4.  $\text{C}_2\text{H}_5\text{OH} + \text{O}_2 (\text{g}) \longrightarrow$
5.  $\text{Mg} (\text{s}) + \text{HI} (\text{aq}) \longrightarrow$
6.  $(\text{NH}_4)_2\text{S} (\text{aq}) + \text{Zn}(\text{OH})_2 (\text{s}) \longrightarrow$
7.  $(\text{NH}_4)_3\text{PO}_4 (\text{aq}) + \text{AgOH} ( ) \longrightarrow$
8.  $\text{H}_3\text{PO}_4 (\text{aq}) + \text{KOH} (\text{aq}) \longrightarrow$
9.  $\text{NiI}_2 ( ) + \text{K} (\text{s}) \longrightarrow$
10.  $\text{AgI} (\text{s}) + \text{Br}_2 (\text{l}) \longrightarrow$
11.  $\text{C}_4\text{H}_{10} + \text{O}_2 (\text{g}) \longrightarrow$
12.  $(\text{NH}_4)_3\text{PO}_4 (\text{aq}) + \text{KOH} (\text{aq}) \longrightarrow$
13.  $\text{Sc}(\text{OH})_3 (\text{aq}) + \text{HF} (\text{aq}) \longrightarrow$
14.  $\text{H}_2\text{CrO}_4 ( ) + \text{Al}_2(\text{CO}_3)_3 ( ) \longrightarrow$
15.  $\text{C}_4\text{H}_9\text{OH} + \text{O}_2 (\text{g}) \longrightarrow$
16.  $\text{K} (\text{s}) + \text{Ni}_3(\text{PO}_4)_2 ( ) \longrightarrow$
17.  $\text{C}_3\text{H}_8 + \text{O}_2 (\text{g}) \longrightarrow$
18.  $\text{K}_3\text{AsO}_4 (\text{aq}) + \text{Al} (\text{s}) \longrightarrow$
19.  $\text{HBr} (\text{aq}) + \text{F}_2 (\text{g}) \longrightarrow$
20.  $\text{Mg}(\text{OH})_2 (\text{aq}) + \text{HF} (\text{aq}) \longrightarrow$

CHE101 - Extra Practice - Chapter 8: Reactions - F19 - Ver. 2

