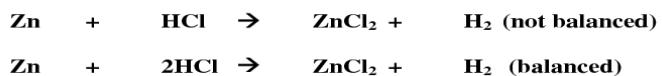


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Balancing Chemical Equations Practice Problems**



Example:



1.  $\text{Mg} + \text{HCl} \rightarrow \text{MgCl}_2 + \text{H}_2$
2.  $\text{Al}_4\text{C}_3 + \text{H}_2\text{O} \rightarrow \text{CH}_4 + \text{Al(OH)}_3$
3.  $\text{Al}_2(\text{SO}_4)_3 + \text{Ca(OH)}_2 \rightarrow \text{Al(OH)}_3 + \text{CaSO}_4$
4.  $\text{Na} + \text{Cl}_2 \rightarrow \text{NaCl}$
5.  $\text{Cu} + \text{AgNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + \text{Ag}$
6.  $\text{Fe}_2\text{O}_3 + \text{CO} \rightarrow \text{Fe} + \text{CO}_2$
7.  $\text{H}_2\text{SO}_4 + \text{BaCl}_2 \rightarrow \text{HCl} + \text{BaSO}_4$
8.  $\text{Al}_2\text{O}_3 + \text{H}_2\text{SO}_4 \rightarrow \text{Al}_2(\text{SO}_4)_3 + \text{H}_2\text{O}$
9.  $\text{ZnS} + \text{O}_2 \rightarrow \text{ZnO} + \text{SO}_2$
10.  $\text{Ca}_3(\text{PO}_4)_2 + \text{H}_2\text{SO}_4 \rightarrow \text{H}_3\text{PO}_4 + \text{CaSO}_4$