



Rate Expression Worksheet



Directions: Balance each equation and then write the rate expression.

Q #	Problem and Answer
1	$\text{___ KClO}_3 \rightarrow \text{___ KCl} + \text{___ O}_2$
2	$\text{___ Fe} + \text{___ H}_2\text{O} \rightarrow \text{___ Fe}_3\text{O}_4 + \text{___ H}_2$
4	$\text{___ Mg} + \text{___ HCl} \rightarrow \text{___ H}_2 + \text{___ MgCl}_2$
5	$\text{___ C}_3\text{H}_8 + \text{___ O}_2 \rightarrow \text{___ CO}_2 + \text{___ H}_2\text{O}$
6	$\text{___ S}_8 + \text{___ O}_2 \rightarrow \text{___ SO}_2$
7	$\text{___ CH}_4 + \text{___ O}_2 \rightarrow \text{___ CO}_2 + \text{___ H}_2\text{O}$
8	$\text{___ Al}_2(\text{SO}_4)_3 + \text{___ Ca}(\text{OH})_2 \rightarrow \text{___ Al}(\text{OH})_3 + \text{___ CaSO}_4$
9	$\text{___ Na} + \text{___ Cl}_2 \rightarrow \text{___ NaCl}$
10	$\text{___ NH}_3 + \text{___ O}_2 \rightarrow \text{___ N}_2 + \text{___ H}_2\text{O}$