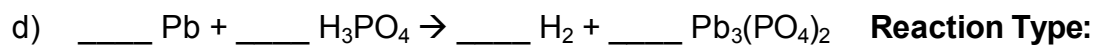


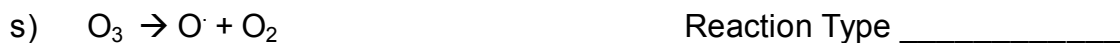
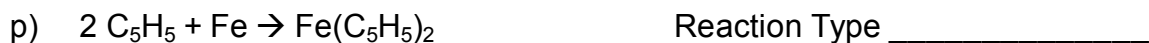
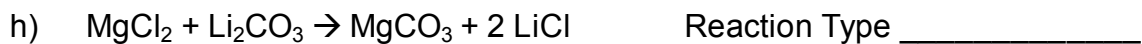
## Types of Chemical Reaction Worksheet CH. 7

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

Balance the reactions **a to e** and indicate which types of chemical reaction that are being represented:



Indicate the type of reactions for letters g through t.

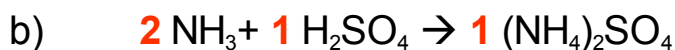


## Six Types of Chemical Reaction Worksheet **Answers**

Balance the following reactions and indicate which of the six types of chemical reaction are being represented:



Type of reaction: **double displacement**



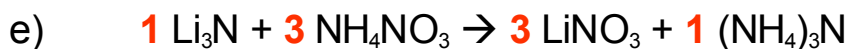
Type of reaction: **synthesis**



Type of reaction: **combustion**



Type of reaction: **single displacement**



Type of reaction: **double displacement**



Type of reaction: **acid-base**

g) What's the main difference between a double displacement reaction and an acid-base reaction?

**Acid-base reactions form water.**

h) Complete combustion reactions always result in the formation of water. What other types of chemical reaction may result in the formation of water?

**Acid-base:  $\text{HCl} + \text{NaOH} \rightarrow \text{H}_2\text{O} + \text{NaCl}$**