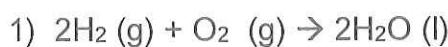


Name: Key

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

### Unit 7: Classification of Chemical Reactions

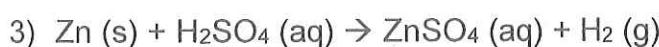
Classify the reactions below as synthesis, decomposition, hydrocarbon combustion, single replacement, or double replacement.



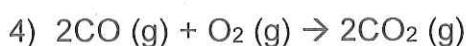
Synthesis



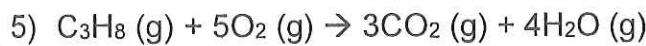
decomposition



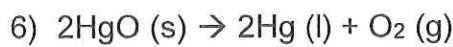
single replacement



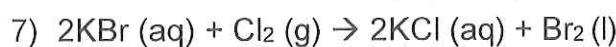
Synthesis



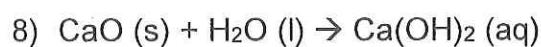
combustion



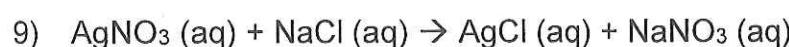
decomposition



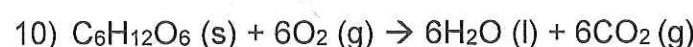
single replacement



Synthesis



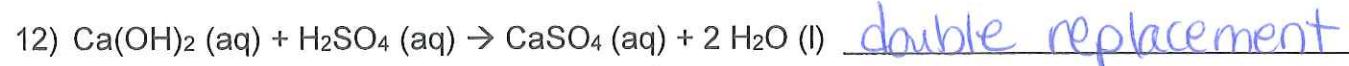
double replacement



combustion

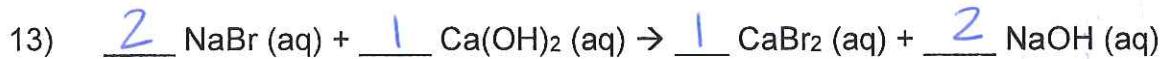


decomposition



double replacement

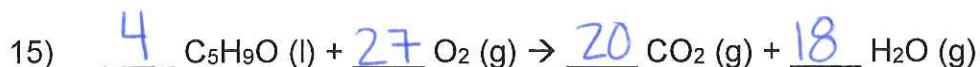
**Directions:** Balance the following reactions and indicate which of the six types of chemical reaction are being represented:



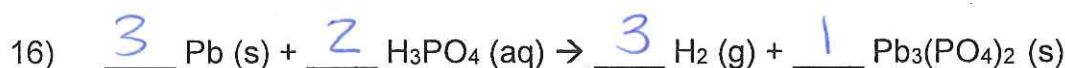
Type of reaction: double replacement



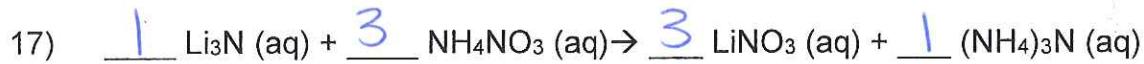
Type of reaction: synthesis



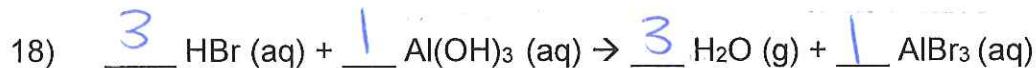
Type of reaction: combustion



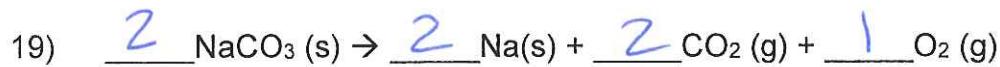
Type of reaction: single replacement



Type of reaction: double replacement



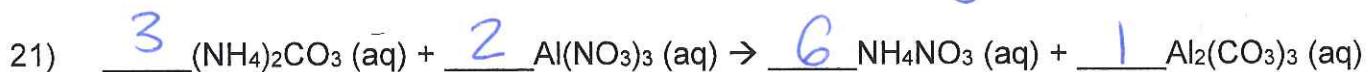
Type of reaction: double replacement



Type of reaction: decomposition



Type of reaction: Synthesis



Type of reaction: double replacement