

Name: _____

Hour: _____ Date: _____

Chemistry: *Balancing Chemical Equations*

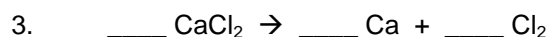
Directions: First, balance each of the chemical equations below. Then, classify each reaction as **synthesis**, **decomposition**, **single-replacement**, or **double-replacement**. To earn full credit, write the words out when classifying.

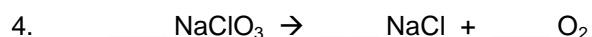
Balance the equation...

...and classify it.

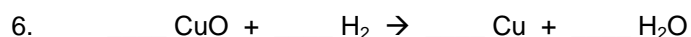


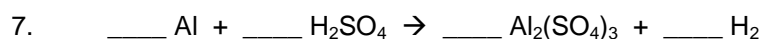


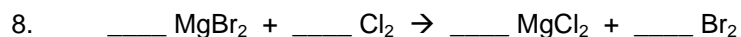




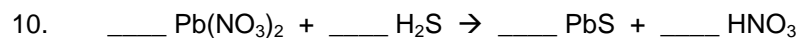


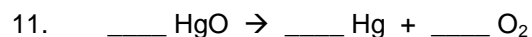


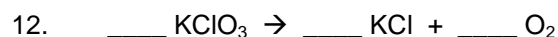




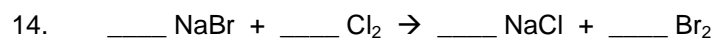


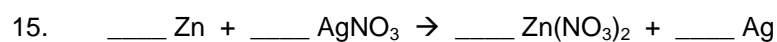




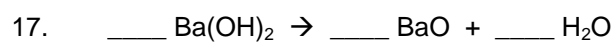






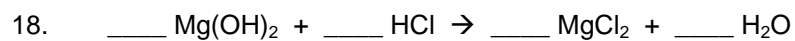




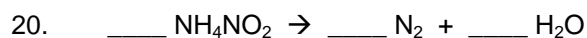


Balance the equation...

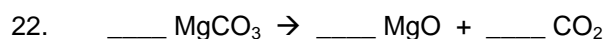
...and classify it.

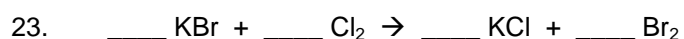




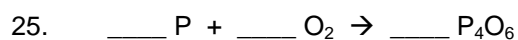


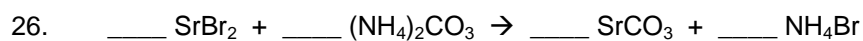




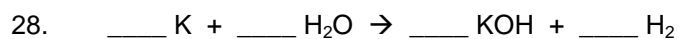


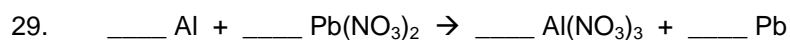


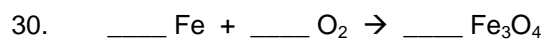




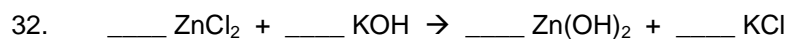


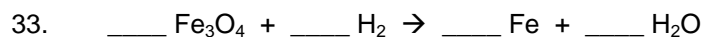




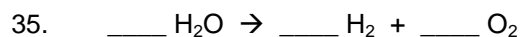












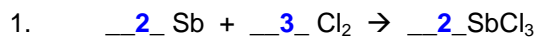


Chemistry: *Balancing Chemical Equations*

Directions: First, balance each of the chemical equations below. Then, classify each reaction as **synthesis**, **decomposition**, **single-replacement**, or **double-replacement**. To earn full credit, write the words out when classifying.

Balance the equation...

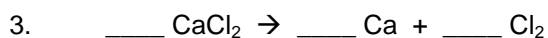
...and classify it.



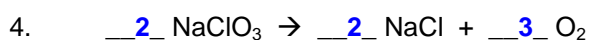
synthesis



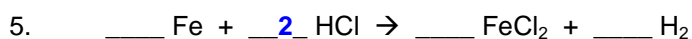
synthesis



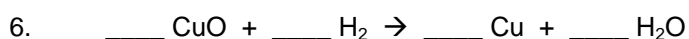
decomposition



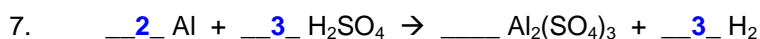
decomposition



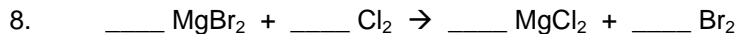
single replacement



single replacement



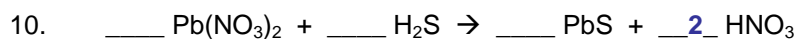
single replacement



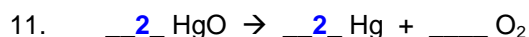
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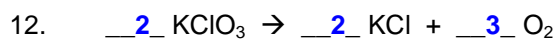
single replacement



double replacement



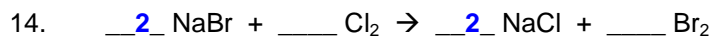
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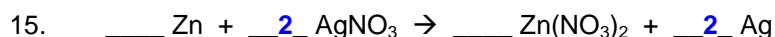
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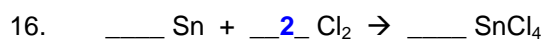
synthesis



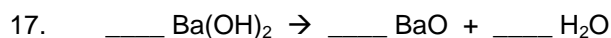
single replacement



single replacement



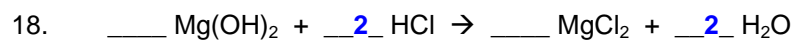
synthesis



decomposition

Balance the equation...

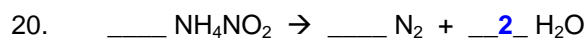
...and classify it.



double replacement



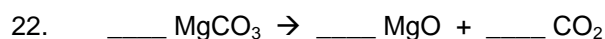
double replacement



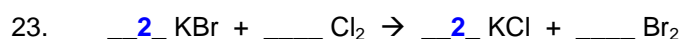
decomposition



synthesis



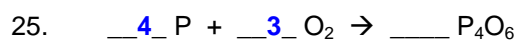
decomposition



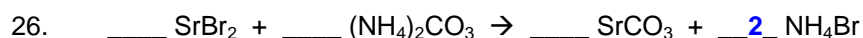
single replacement



single replacement



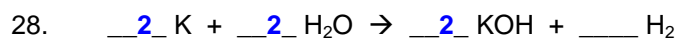
synthesis



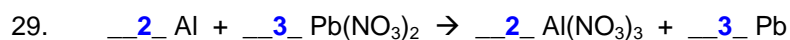
double replacement



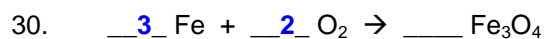
double replacement



single replacement



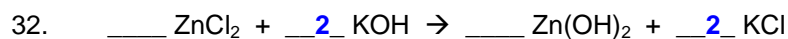
single replacement



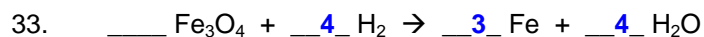
synthesis



synthesis



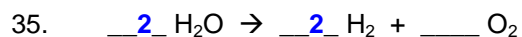
double replacement



single replacement



decomposition



decomposition



synthesis