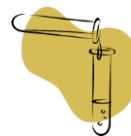




Name _____



Classifying Reactions

Chemists can predict the products of chemical reactions

Owning my learning

Below is a list of learning intentions. Place a check mark in the box that best describes your learning level at the beginning of the learning and after we have learned together.

“B” stands for beginning, “A” stands for accomplished.

I Can Use:

- | B | A | |
|-----------------------|-----------------------|--|
| <input type="radio"/> | <input type="radio"/> | the Activity Series to determine if a single replacement reaction will occur |

I Can Identify:

- | B | A | |
|-----------------------|-----------------------|---|
| <input type="radio"/> | <input type="radio"/> | synthesis (combination) reactions |
| <input type="radio"/> | <input type="radio"/> | decomposition reactions |
| <input type="radio"/> | <input type="radio"/> | single replacement reactions |
| <input type="radio"/> | <input type="radio"/> | double replacement reactions |
| <input type="radio"/> | <input type="radio"/> | neutralization reactions |
| <input type="radio"/> | <input type="radio"/> | combustion reactions |
| <input type="radio"/> | <input type="radio"/> | the precipitate formed in a double replacement reaction |

I Can Predict :

- | B | A | |
|-----------------------|-----------------------|---|
| <input type="radio"/> | <input type="radio"/> | the product in a synthesis (combination) reaction |
| <input type="radio"/> | <input type="radio"/> | the products in a decomposition reaction |
| <input type="radio"/> | <input type="radio"/> | the products in a single replacement reaction |
| <input type="radio"/> | <input type="radio"/> | the products in a double replacement reaction |
| <input type="radio"/> | <input type="radio"/> | the products in a neutralization reaction |
| <input type="radio"/> | <input type="radio"/> | the products in a hydrocarbon combustion reaction |

I Can Explain:

- | B | A | |
|-----------------------|-----------------------|---|
| <input type="radio"/> | <input type="radio"/> | how the temperature can influence the rate of a reaction |
| <input type="radio"/> | <input type="radio"/> | how concentration can influence the rate of a reaction |
| <input type="radio"/> | <input type="radio"/> | how surface area can influence the rate of a reaction |
| <input type="radio"/> | <input type="radio"/> | how the addition of a catalyst can influence the rate of a reaction |

