

Unit 6

NAME

Class Work

2/10/14

6.9 Activity Series

SPARK

Balance the following equation and classify the type of reaction:



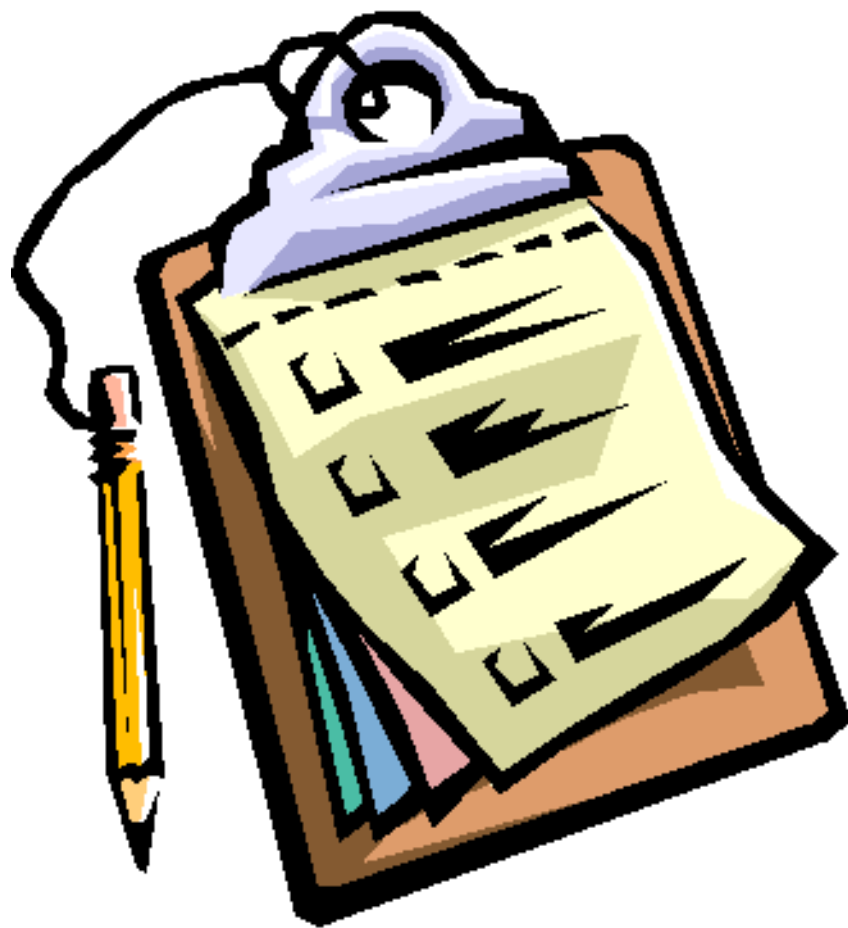
reaction type: _____

Objective

SWBAT predict the products of a single/double replacement reaction based on the elements present

Agenda:

- SPARK/Objective
- Notes
- Practice
- Homework



Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

Quiz Shout Outs- Cations!

- Aisha
- Alia
- Wendy
- Kanis
- Angelica
- Geniever
- Mekhrangiz
- Sharmin
- Janet

Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

Review of HW

- All answers to homework are posted on our class website!

Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

Notes

- An activity series lists elements from most ACTIVE to least ACTIVE
- The activity series is used to determine whether or not chemical reactions will take place
- An element will only replace one that is MORE reactive than it is
- **USE Table J** in the reference table is the activity series you need to know!

Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

Practice

- Which is more reactive? Cu or Rb? _____
- What is the most reactive metal? _____
- What is the most reactive non-metal? _____
- Could Sr replace Cr in a reaction? Why or why not?
- Could Co replace Ca in a reaction? Why or why not?

Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

Classwork

Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

Exit Ticket

- Complete the front of the exit ticket and answer the following two questions on the back:

8. Which metal reacts spontaneously with a solution containing zinc ions?

- ① magnesium
- ② nickel
- ③ copper
- ④ silver

Objective: SWBAT predict the products of a single/double replacement reaction based on the elements present

HOMEWORK

Complete Unit 6 Flash Cards!

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