Unit 6 NAME

Class Work 2/7/14

6.7 Mole Day 2

SPARK

Balance the following equation: $Mg + O_2 \rightarrow MgO$

Determine the number of moles of MgO produced when you start with 5 moles of Mg in the chemical reaction

Objective

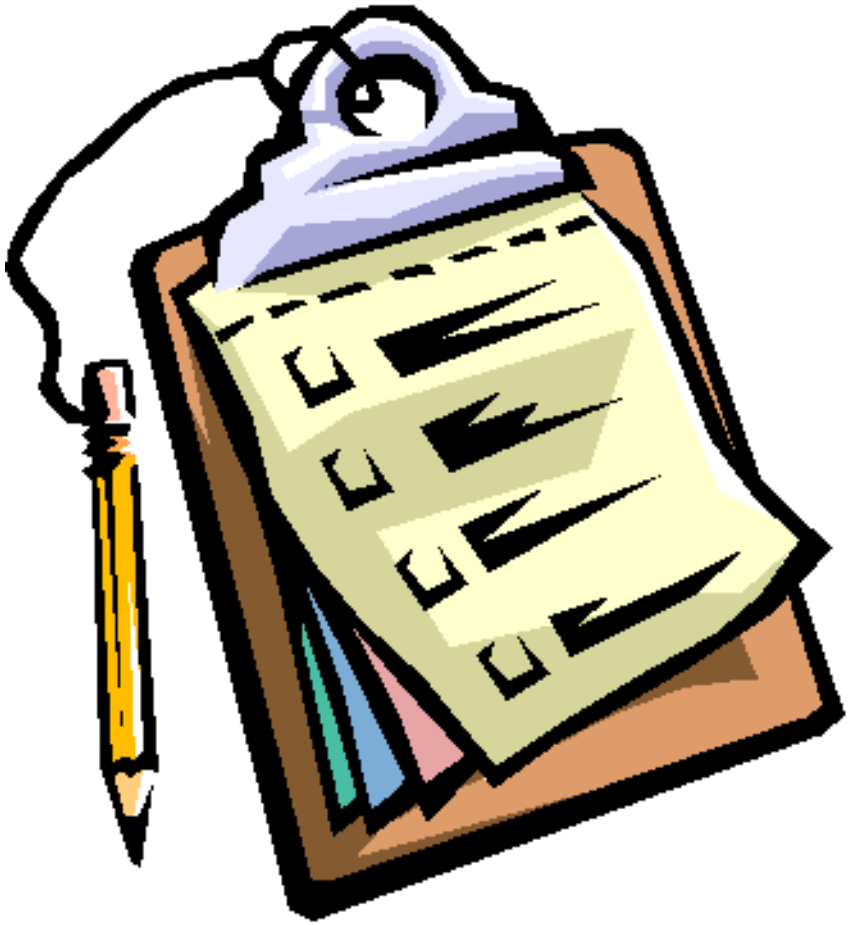
SWBAT convert between moles and grams

SPECIAL ANNOUNCEMENT

- FIELD TRIP!
- Six Flag is happening: May 9th!
- Permission slips AND money due NEXT WEEK!

Agenda:

- SPARK/Objective
- Notes
- Practice
- Homework



Objective: SWBAT convert between moles and grams

Notes

Atomic MASS is represented in the units GRAMS per mole (g/mol)

1. What is the atomic mass of oxygen? (Hint: Look on your periodic table)
2. What unit is the atomic mass of oxygen in?
3. How many grams does 1 mole of oxygen weigh?
4. How many grams does 1 mole of phosphorous weigh?
5. What is the gram formula mass of H_2O?

Objective: SWBAT explain what a mole is and convert between grams and moles

Check it Out!

Objective: SWBAT convert between moles and grams

Practice!

Objective: SWBAT convert between moles and grams

HOMEWORK

Complete 6.7 review sheet!

Quiz on Monday!

Objective: SWBAT convert between moles and grams