

Chemistry 15.1

Goals: Calculate mass percentage of compounds based on the numbers and types of elements involved

Plan

Percentage calculation: general percentage for any situation: $\text{part}/\text{total} \times 100$

- Relate to other percentages

Why percent composition is important

- Copper and mining...getting percentages of copper out of a specific amount
- Relate the percent to the entire mass of your sample

Practice: Percent composition of copper in different compounds

HW: Percent composition worksheet

Chem 15.2

Goal: Balancing and reaction types

Plan:

Partners work on “balancing race” to solve balancing problems competing with others in the classroom

Homework: identify each reaction with their reaction type

Chem 15.3

Goal: mole conversions and calculations

Plan:

Crash Course chemistry video: chemical calculations

Kahoot review

- Stopping to review more difficult problems
- Process to solve, not memorization of specific problems

Homework: review questions on molar conversions