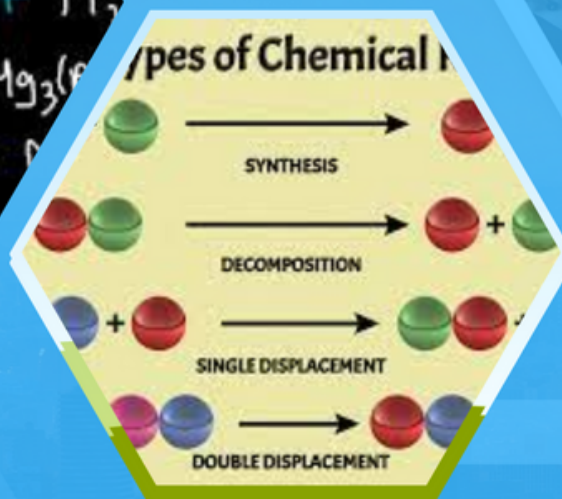
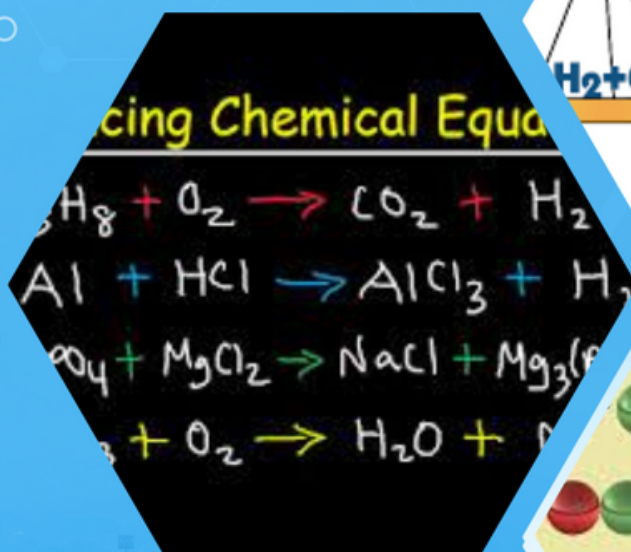




FSI Courses

Learning for Mastery Begins Here.



FSI BIOLOGY:

BALANCING CHEMICAL EQUATIONS MADE EASY

A SIMPLIFIED EBOOK AND STUDY GUIDE WITH A PRETEST, ENGAGING VIDEO, INTERACTIVE ACTIVITY, AND A POST TEST TO HELP YOU UNDERSTAND HOW TO BALANCE CHEMICAL EQUATIONS.

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BELL RINGER

Analyze the following two equations and answer these 3 questions for each:

1. What type of Chemical Reaction it is (**S, D, SR, DR**)
2. How many atoms are on the reactants side and how many atoms are on the products side.
3. Is this chemical equation balanced?



PRETEST

Take the following pretest over balancing equations as a quick check for background knowledge and where you currently stand with your knowledge of balancing chemical equations.

Log in and complete the pretest by going to:

- 1. fsicourses.net**
- 2. Physical Science Course 1**
- 3. Lesson 1.4 The Law of Conservation of Matter**
- 4. Topic 1.4b Balancing Chemical Equations**
- 5. 1. Balancing Chemical Equations Pretest**

MINI LESSON VIDEO

Follow along as we watch the video, take guided notes, and complete checks for understanding to ensure you're understanding the process of balancing chemical equations.

WORK SESSION

1. Work in pairs to cut out the numbers to help you setup and balance the equation problems

Balancing Equations Challenge

2. Work in pairs to balance the chemical equations. Use the cut out numbers for visual assistance.

Balancing Practice

CLOSING - POST TEST

Take the post test to test your knowledge on how much you have learned about balancing chemical equations. Good Luck!

Log in and complete the post test by going to:

1. **fsicourses.net**
2. **Physical Science Course 1**
3. **Lesson 1.4 The Law of Conservation of Matter**
4. **Topic 1.4b Balancing Chemical Equations**
5. **2. Balancing Chemical Equations Post Test**

REFLECTION

Complete the reflection question for balancing chemical equations.

Click the link below:

[Balancing Equations Reflections](#)

ABOUT THE AUTHORS



Chivas & Jordan Spivey

We are a father and son duo that began our journey of helping young men and women in their educational pursuit of greatness over 10 years ago. Since then we have made numerous educational activities. Everything from fun interactive labs, a resource website for teachers and students, over 200 Youtube science videos, and even an educational science cartoon video series. Our goal is to streamline and simplify science concepts to help the young minds of today apply their scientific knowledge and know how to bring greatness to their bright and promising future!

You can email us at fsicourses.net@yahoo.com

Chivas Spivey