

Classic ChemBalancer Directions:

(1) Glue the Balancing Equations Online worksheet on page 44 in your notebook (FAF LEFT side)

(2) Go to the [Science Spot's Kid Zone](#) → [Matter & Atoms](#) to find the link to complete the worksheet.

Chemical Equations

[Chemical Equations](#)
[Classic ChemBalancer](#)
[It's Elemental - Balancing Act](#)
[Review ChemBalancer](#)
[Brain Boggle ChemBalancer](#)
[Balancing Equations Tutorial](#)
[Creative Chemistry](#)

(3) You may use chalk on the tables to help you work out the problems. Be sure to clean the table at the end of class!

Need a number for each coefficient even if it is just a 1.

Click "BALANCED" to check your answer.
 Keep working until you get it balanced!

IF YOU ARE CORRECT,

1st - write the COEFFICIENTS in the equation

AND

2nd - read the information that pops up to ANSWER the question(s).

FunBased Learning Chemistry > Classic ChemBalancer

Question 1 of 11 Balanced Show Diagrams

How to play the game

Fe + S → FeS

Fe S Fe-S

funbasedlearning.com says:

Correct! In Latin 'ferrum' means iron. From 'ferrum' comes the symbol 'Fe' and the word 'ferrier' (a blacksmith who puts iron shoes on horses). Sulfur is a yellow powder.

OK

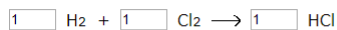
1	$\text{Fe} + \text{S} \rightarrow \text{FeS}$	What does "ferrum" mean? _____ What color is sulfur? _____
2	$\text{H}_2 + \text{Cl}_2 \rightarrow \text{HCl}$	What is HCl? _____ Where is it found in your body? _____
3	$\text{Mg} + \text{O}_2 \rightarrow \text{MgO}$	What are pyrotechnics? _____

Need a number for each coefficient even if it is just a 1.

Click "BALANCED" to check your answer. Keep working until you get it balanced!

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Question 2 of 11 Show Diagrams
[How to play the game](#)



H-H

Cl-Cl

H-Cl

funbasedlearning.com says

Correct! HCl is hydrochloric acid - the stomach acid that breaks down the food you eat. A mucus lining protects the stomach itself. Too much HCl can get past the lining and give you an ulcer.

OK

1	Fe + S → FeS	What does "ferrum" mean? _____ What color is sulfur? _____
2	H ₂ + Cl ₂ → HCl	What is HCl? _____ Where is it found in your body? _____

funbasedlearning.com/chemistry/chemBalancer/question1.html

Change the # to the one you need to skip ahead or go back!

Want extra credit? Get a yellow page from the front cart. Turn in to the bin when done (due by the end of the day Monday)