

Empirical Formula Solver

Number of Elements:

User enters number here. (Rest of this GUI idea assumes 2 elements)



Update Chart Below
(Add rows)

Symbol	Percents
O	88.89%
H	11.11%



Calculate Formula

The user enters the number of elements that are in the Formula being calculated and then enters the element symbol, the percents, and then hits the calculate button.

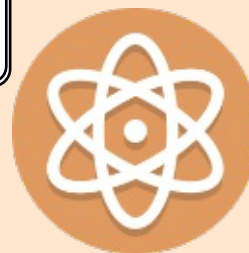
Empirical Formula Solver

Symbol	Percents	Divide by Molar Mass	New Values	Divide by lowest value	Final Ratio
O	8.89%	/16	5.56	/5.56	1
H	11.11%	/1	11.11	/5.56	2

[Explanation?](#)

The Final Element is H₂O

Do another Calculation?



The explanation button will lead to a video or description of how the calculations are done and why they work. The "Do another Calculation" will take the viewer back to the GUI Element 1.

Empirical Formula Solver

Number of Elements:



Update Chart Below
(Add rows)

Symbol	Percents
Of	88.89%
Hm	11.11%



Calculate Formula
ERROR: ELEMENTS DO NOT EXIST,
CHECK SYMBOL!!!!!!!

The user will be prompted to redo the symbols or percents to see if it works