Introduction to Balancing Equations



Practice

Balance each equation using the law of conservation of mass. There is a chart above each problem to help you. Use the chart to make sure that you have the same number of atoms on each side.

	First- Count up the	1.	Reactants		Produc		oducts		
1 1 1	currently have. Write		Н			Н			
I I	chart for both sides of the equation.		0			0		You should)
	Second- If the numbers don't match,		H ₂	+	O ₂	>	Ң₂О	do this in pencil!)
	coefficients one at at time. Make sure to	2.	Reactants		Products			°00	
	change the number in the chart.		Р			Р			•
- -	i		0			0			4
1 1 1 1	Remember- you carried the formulas!		P ₄	+	. O ₂	→ _	P ₂ O ₃		3



Name

Answers

Date

Section_

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Practice

Balance each equation using the law of conservation of mass. There is a chart above each problem to help you. Use the chart to make sure that you have the same number of atoms on each side.

First- Count up the	1.	Reactants		Products			
currently have. Write	1	Н	4		Н	4	
chart for both sides of the equation.	1 1 1	0	2		0	2	You should
Second- If the numbers don't match, try adjusting the	- · 	2 H ₂	+	O ₂	→ _	<mark>2</mark> H₂O	do this in pencill
time. Make sure to	į 2.	Reactants			Pro	oducts	\sim
change the number in the chart		Ρ	4		Ρ	4	
		0	6		0	6	
Remember- you can't change the formulas!		P ₄	+ 3	_ O ₂	→ _2	P ₂ O ₃	

