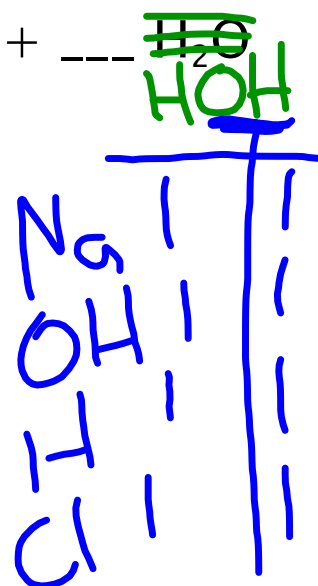
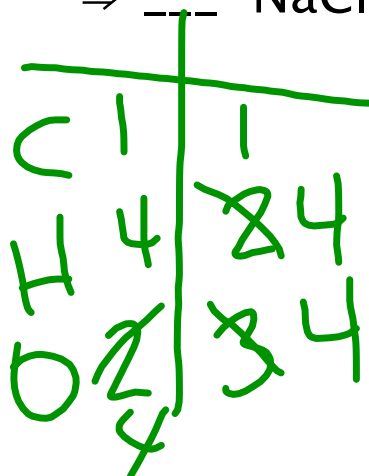
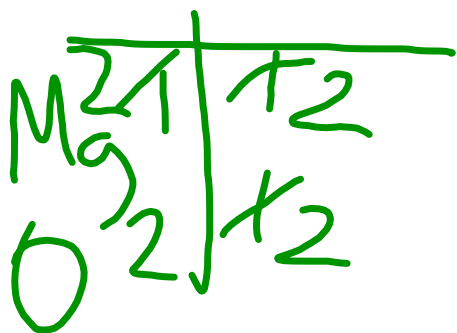
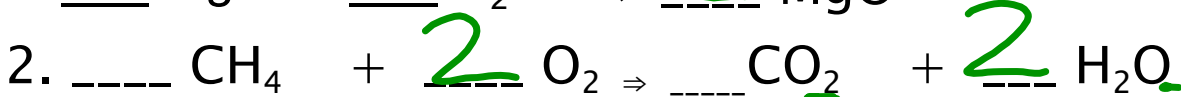
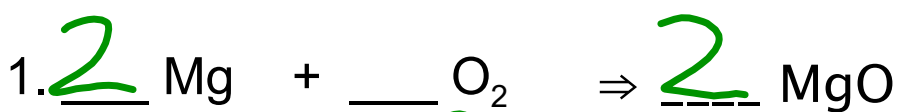


# Oct 8, 2019

answers Balancing WS 6.5C Part A  
continue with balancing equations practice

Quiz on Balancing Equations Thursday!!!

## Warm -Up



A. Balance the following equations.

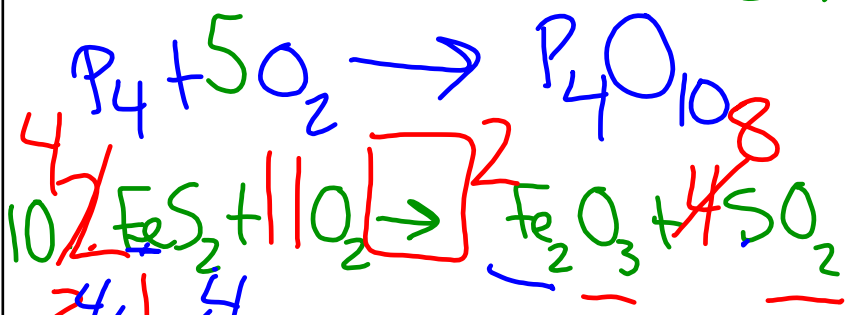
1.  $4 \text{Na} + \text{O}_2 \rightarrow 2 \text{Na}_2\text{O}$
2.  $2 \text{K} + \text{Cl}_2 \rightarrow 2 \text{KCl}$
3.  $2 \text{Al} + 3 \text{Br}_2 \rightarrow 2 \text{AlBr}_3$
4.  $2 \text{Li} + \text{S} \rightarrow \text{Li}_2\text{S}$
5.  $3 \text{Mg} + \text{N}_2 \rightarrow \text{Mg}_3\text{N}_2$
6.  $2 \text{Na} + 2 \text{H}_2\text{O} \rightarrow 2 \text{NaOH} + \text{H}_2$  \*
7.  $2 \text{O}_3 \rightarrow 3 \text{O}_2$
8.  $2 \text{Al}_2\text{O}_3 \rightarrow 4 \text{Al} + 3 \text{O}_2$
9.  $\text{P}_4 + 5 \text{O}_2 \rightarrow \text{P}_4\text{O}_{10}$  \*
10.  $\text{FeS}_2 + 11 \text{O}_2 \rightarrow 2 \text{Fe}_2\text{O}_3 + 8 \text{SO}_2$  \*



Na	1	1	2	1	2	2
H	2	3	2	2	2	2
O	1	1	2	2	2	2

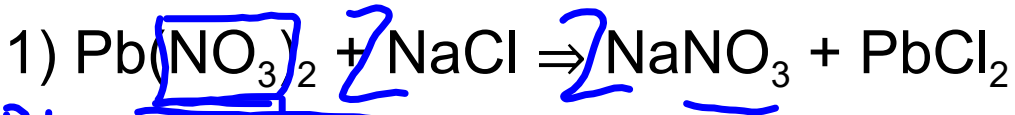
Na	1	2	2
H	2	2	2
OH	2	2	2

P	4	4
O	10	10

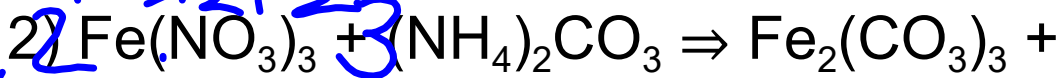


Fe	2	4	2	2
S	4	8	8	8
O	22	22	6	16

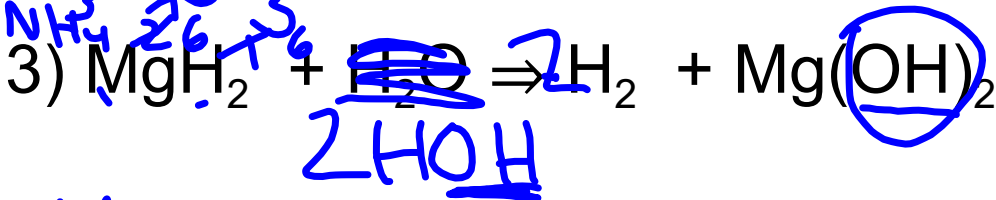
### More guided practice



Pb	1	1
NO <sub>3</sub>	2	2
Na	2	2
Cl	2	2



Fe	2	2
NO <sub>3</sub>	6	6
CO <sub>3</sub>	3	3
NH <sub>4</sub>	6	6



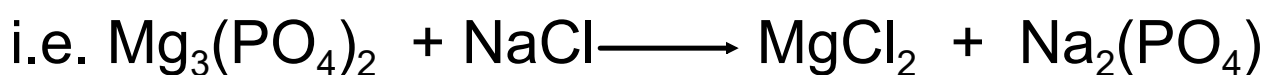
Mg	1	1
H	4	4
OH	2	2

## Extra Practice Worksheet Balancing Equations

\* Remember you can only add co-efficient's

\* Balance the easy atoms first (those that only appear once on each side of the equation)

\* Keep poly-atomics that stay together together.



\* Keep oxygen till the end

\* if you have an OH on one side and a H<sub>2</sub>O on the other re-write H<sub>2</sub>O as HOH

\* if you have an odd number of oxygen once everything else is balanced, place the odd number in front of the O<sub>2</sub> and double the remaining co-efficients.