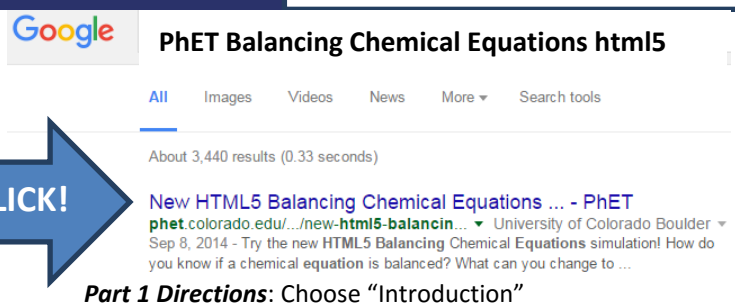
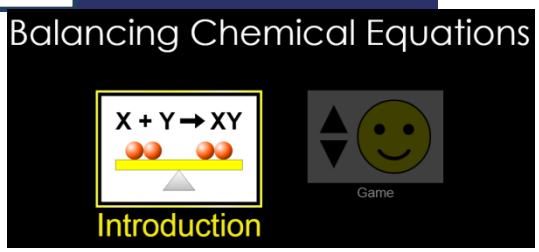
Name_____
Period_____
Date_____

University of Colorado Boulder

PhET Balancing Chemical Equations html5



CLICK!

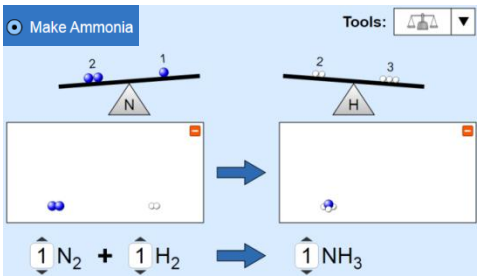


Part 1 Directions: Choose "Introduction"

Select "Make Ammonia" and choose one of the balancing tools.

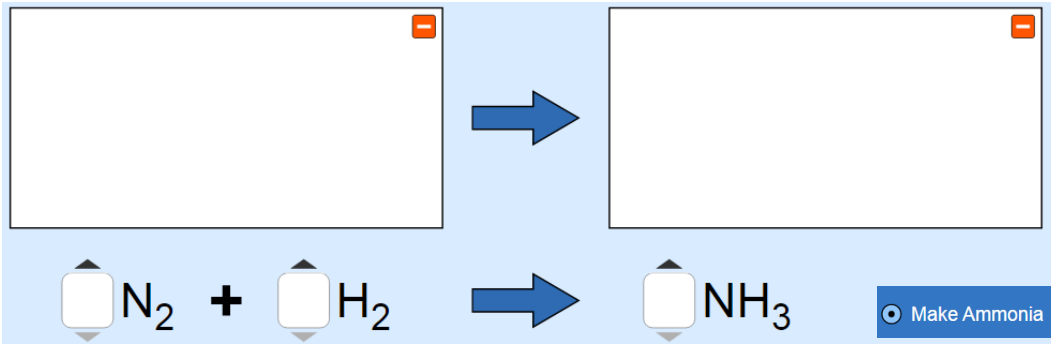
Make each coefficient "1" to see molecules.

Change coefficients until the reaction is balanced. Repeat for water and methane.

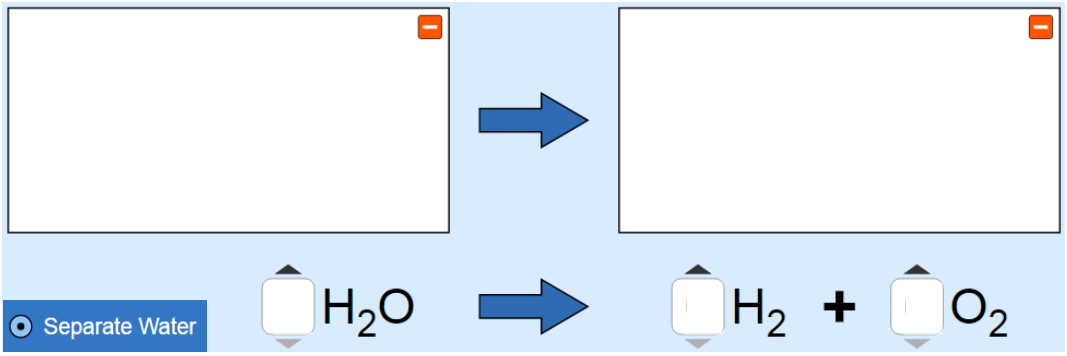


Draw pictures of balanced reactions and fill in the coefficients.

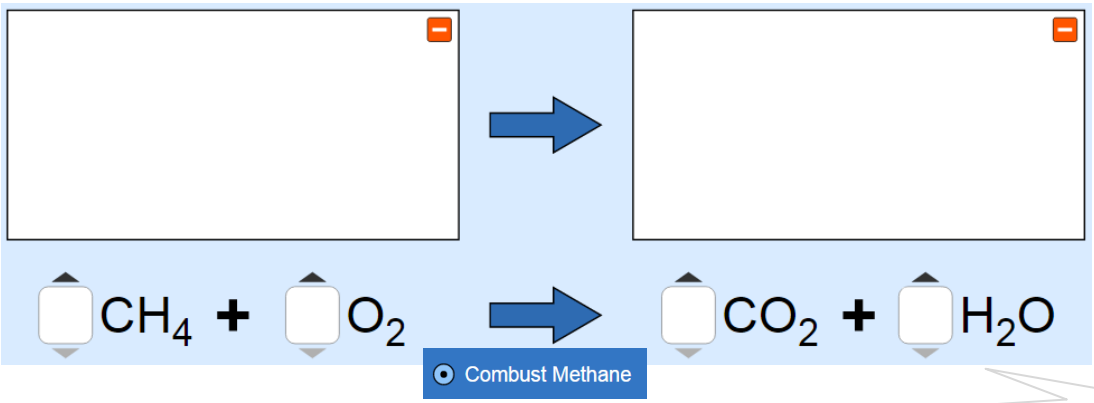
1.



2.



3.



https://phet.colorado.edu/sims/html/balancing-chemical-equations/latest/balancing-chemical-equations_en.html

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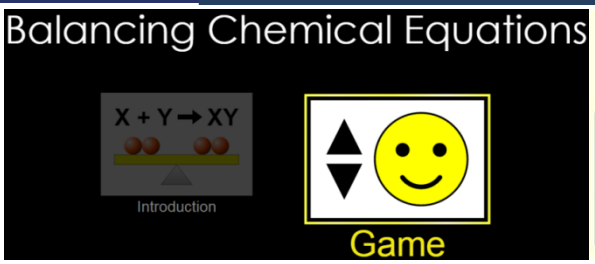
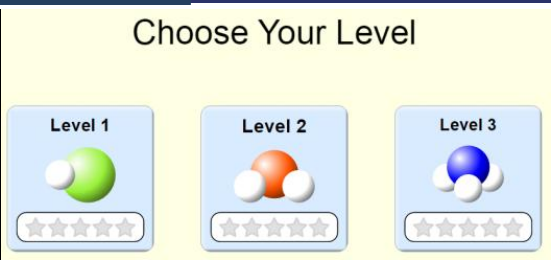
Part 2:





***Directions*:** **2A** **2B**

Game: Level 1

Fill in the table and include the correct formulas. Play for time after first time.

	Reactants	→	Products	Best time
#1				
#2				
#3				
#4				
#5				

Game: Level 2

Fill in the table and include the correct formulas. Play for time after first time.

	Reactants	→	Products	Best time
#1				
#2				
#3				
#4				
#5				

Game: Level 3

Fill in the table and include the correct formulas. Play for time after first time.

	Reactants	→	Products	Best time
#1				
#2				
#3				
#4				
#5				

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