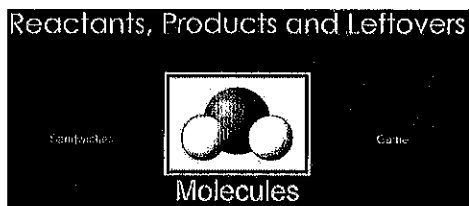


2

Reactants, Products and Leftovers



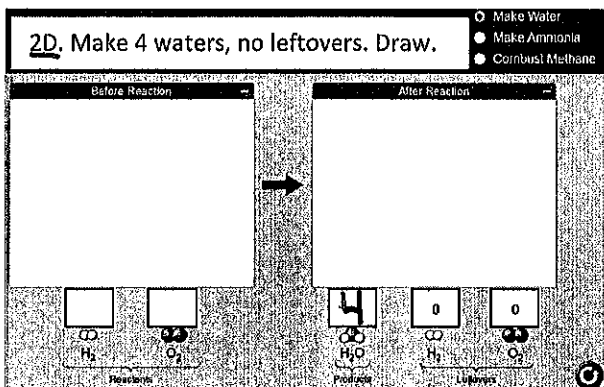
Molecules

Part 2 Directions: Choose "Molecules"

- 2A.** Select type of molecule to build and choose one of the balancing tools.
- Make Water
 - Make Ammonia
 - Combust Methane
- 2B.** Make each coefficient "1" to see reactants.
- 2C.** Change coefficients until there are no leftovers.

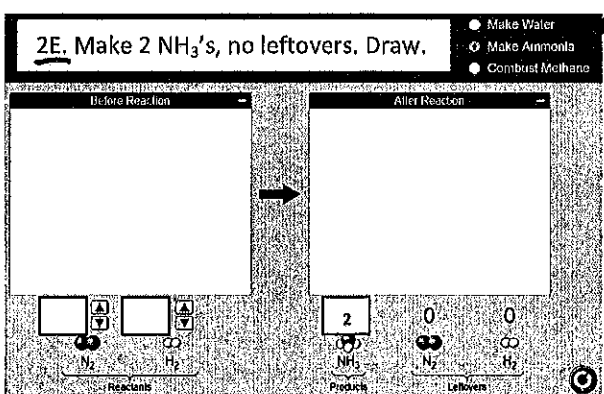
2D. Make 4 waters, no leftovers. Draw.

- Make Water
- Make Ammonia
- Combust Methane



2E. Make 2 NH₃'s, no leftovers. Draw.

- Make Water
- Make Ammonia
- Combust Methane



1

Reactants, Products and Leftovers



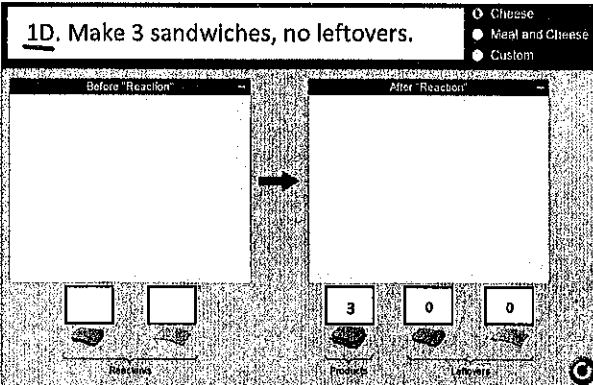
Sandwiches

Part 1 Directions: Choose "Sandwiches"

- 1A.** Select type of sandwich to build and choose one of the balancing tools. Cheese (at the top)
- 1B.** Make each coefficient "1" to see reactants.
- 1C.** Change coefficients until there are no leftovers.

1D. Make 3 sandwiches, no leftovers.

- Cheese
- Meal and Cheese
- Custom



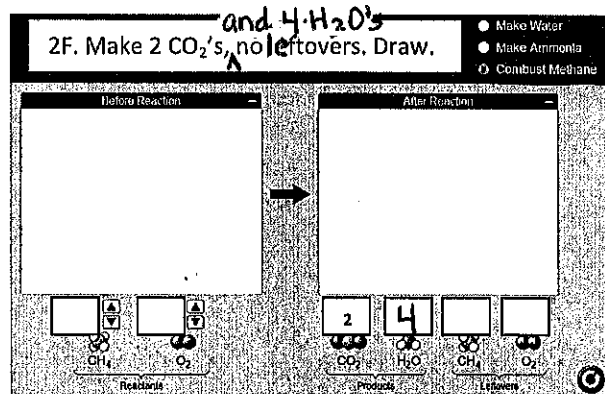
- 1E.** Draw pictures of reactants and products and add coefficients for three sandwiches, no leftovers.
- 1E.** What is the relationship between bread and cheese?

* Go to part 2 directions. *

2F. Make 2 CO₂'s, no leftovers. Draw.

and 4 H₂O's

- Make Water
- Make Ammonia
- Combust Methane



Part 2 Question: What is the key to getting no leftovers?

Part 3

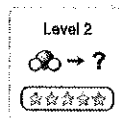
Reactants, Products and Leftovers

Choose Your Level



Game

Directions: 3A



-
- Show All
-
-
- Hide Molecules
-
-
- Hide Numbers

3B

3C

Game: Level 1

Fill in the chart and include the correct formulas, no leftovers. Play for time after first time.

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

Game: Level 2

Fill in the chart and include the correct formulas, no leftovers. Play for time after first time.

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

Game: Level 3

Fill in the chart and include the correct formulas, no leftovers. Play for time after first time.

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