

## Today:

- 1) Two important rules (into notes)
- 2) Homework answers
- 3) Teacher Demonstration: Try putting live electricity into water!
- 4) Homework answers via whiteboard
- 5) the quiz at \_\_\_\_\_

## Purpose:

How to follow two crucial rules for gas reactions.

## WARMUP:

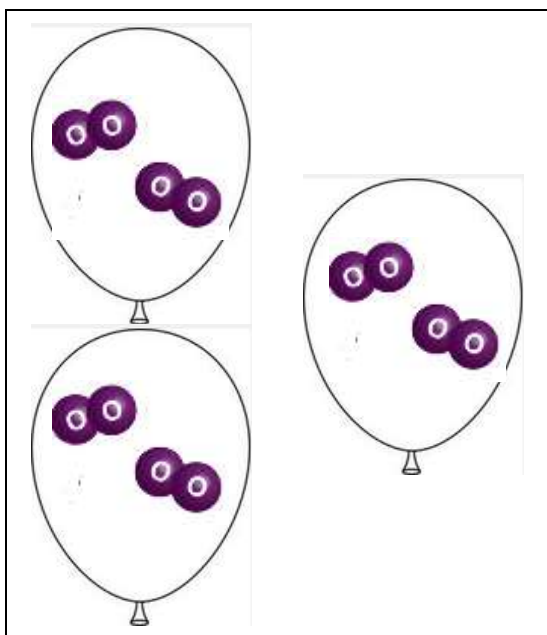
“Two rules that are obeyed in gas reactions:

- 1) atoms cannot be created or destroyed  
SO the left and right side of the arrow must have the same number of each atom type
- 2) \*equal volumes of gas contain an equal number of molecules SO each balloon must have the same number of molecules”

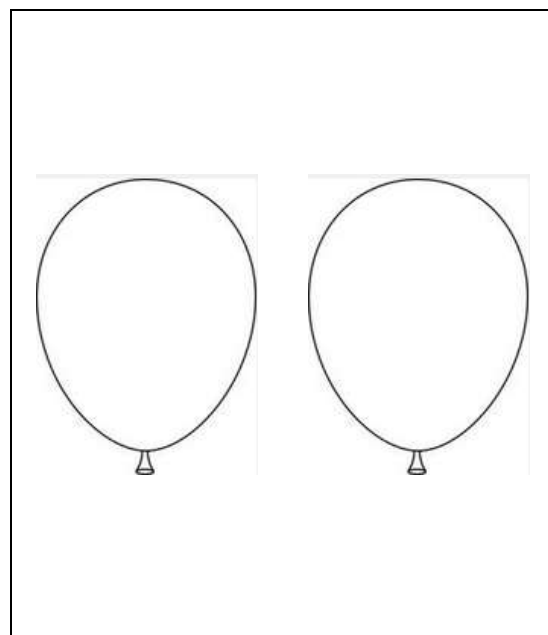
\*if at the same temperature and pressure.

# Question, try to fill in the blank balloons:

the Reactant

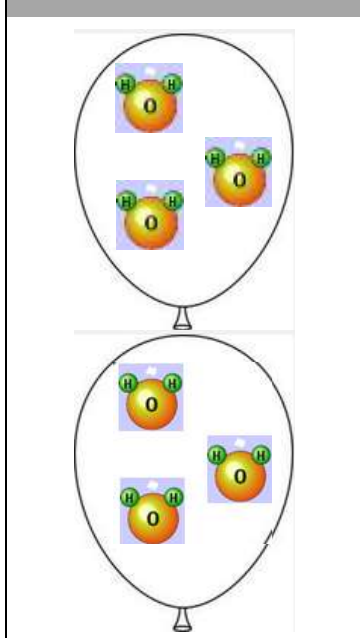


the Product

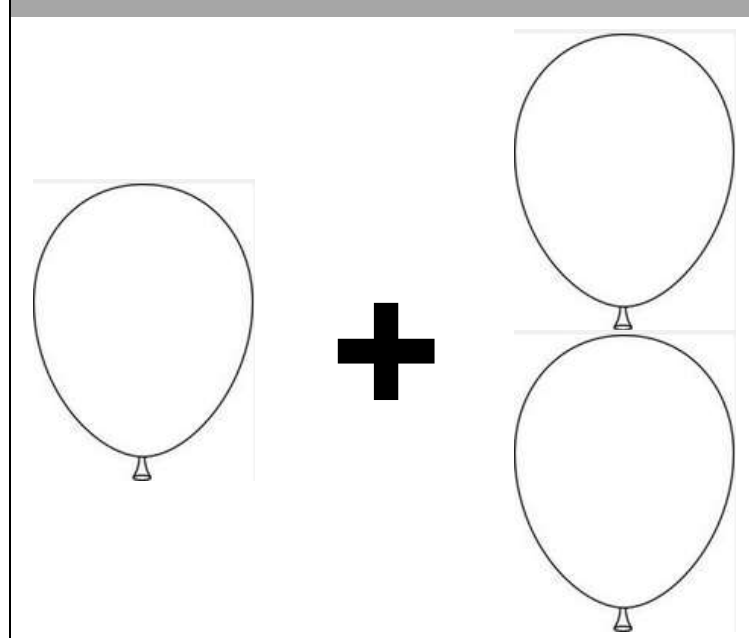


Try to fill in the blank balloons following our two rules from the warmup

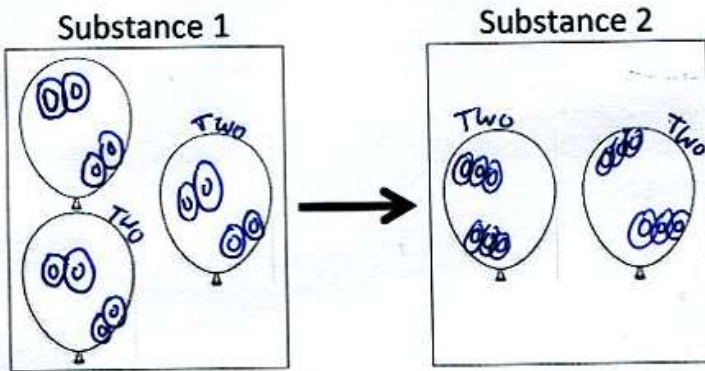
reactant



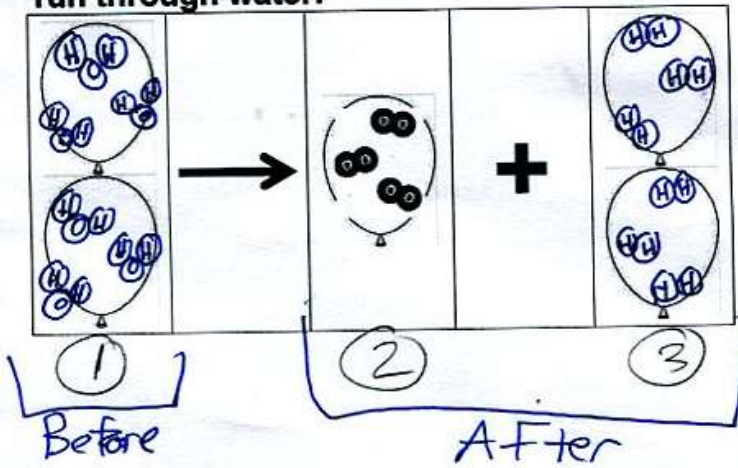
products



# Answer:



Describe what happens when electricity is run through water:



# Sign up for a problem:

problem	names	
1 (on the back)		
2 (on the back)		
3 (on the back)		
4 (on the front)		

Sign up for a problem  
from the back side:

ON PAPER, LARGE

problem	names	
1 BACK	Hailey	Kou
2 BACK	Will	Autumn
3 BACK	Ugad	Brigit
4 front	Celia Susper Ben	Lea Thomas Rene

Rules to check during  
whiteboard  
presentations:

1) Do all their boxes  
have the same number  
of molecules?

2) Atoms cannot be  
created or destroyed;  
Are there the same  
number of atoms of  
each type before and  
after?

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Quiz time.

face chairs front

no electronic anything  
until your quiz is  
handed in.