NO NOTEBOOK TODAY.

PURPOSE PRACTICE

PROUST & LAW CALCULATIONS.

15/4

WARMUP TAKE OUT YOUR "DRAKE" SHEET

GALLERY WALK.

1) stand the boards.

2) stand with your board until I give a honework

3) Walk around check your -OVO" I his well.

4) Hand in ONO.

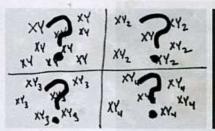
Finished.

Problem: If you know the mass of each element in a compound, how do you find the formula of the compound?

In this problem the compounds are made from two elements called "X" and "Y"

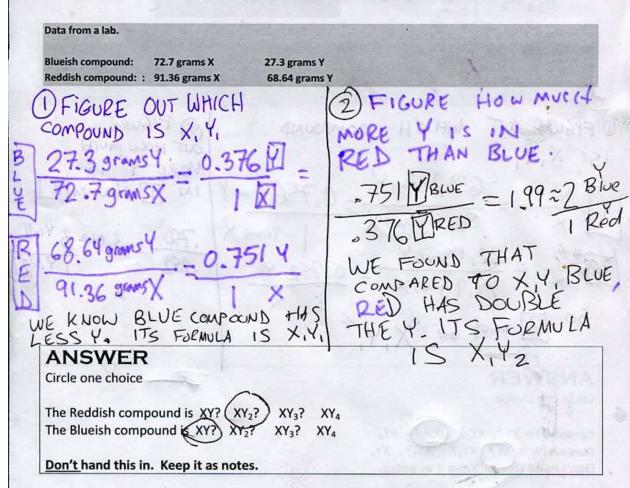
CHEMISTRY CLASSWORK

MR. GENEST DECEBER 9, 2015



Clues:

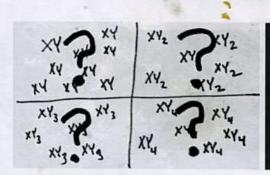
- Assume at least one of the substances formulas is X₁Y₁
- Dalton claims that compounds come in types, called elements. Each element has a characteristic mass in grams.



Problem: If you know the mass of each element in a compound, how do you find the formula of the compound?

In this problem the compounds are made from two elements called "X" and "Y"





Clues:

- Assume at least one of the substances formulas is X₁Y₁
- Dalton claims that compounds come in types, called elements.
 Each element has a characteristic mass in grams.

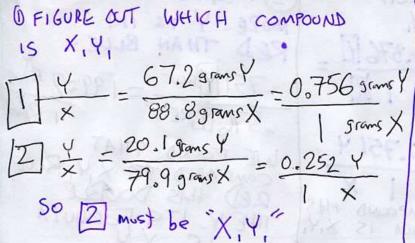
Data from a lab.

Compound 1: 88.8 grams X

67.2 grams Y

Compound 2: : 79.9 grams X

20.1 grams Y

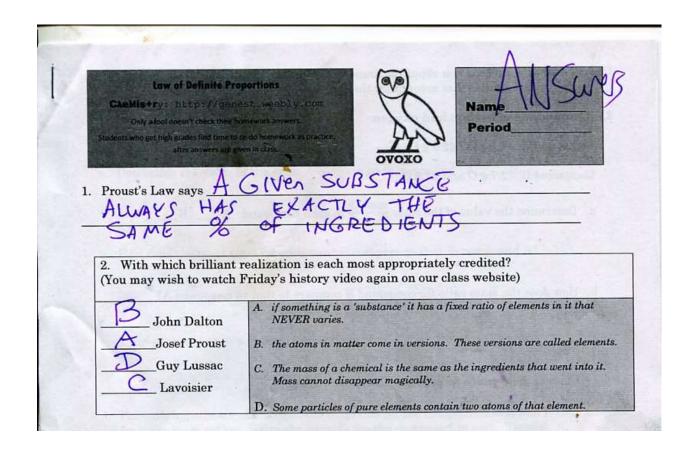


2 FIGURE OUT HOW MUCH MORE Y' IS IN 11 than in 2 .756 - 3.0123 YIND .252 1 YINZ

ANSWER

Circle one choice

Compound 1 is XY? XY₂? XY₃? XY₄ Compound 2: is XY? XY₂? XY₃? XY₂ Don't hand this in. Keep it as notes.



answers for #3 through 8 were done as a gallery walk with whiteboards. See your notes from then.

	gen, fluorine, chlorir	and the second					
In thi	s box, draw o	F ₂ , O	ch: 2, I	2,0	l, Hz	1N2	
	that mole		variable)			
rtant	11. When flu	orine is in a com will be in that m	pound, wi blecule ?	th one or mo (1 / 2 / va	re other ele	ments, how	many atoms o
12	In the box d	raw 5 O ₂ and 3 C	₂ H ₄ molec	ules.	(B)	~)	· ·
	- G	800		(C)	del J	Ooxygen at	6
		ins 12 hydrog s box contains 1	en atoms mol	/	C ₂ H ₄ and	_	O ₂)
		106 ×					N.
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