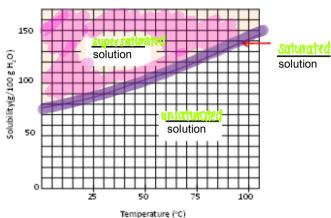
Solubility of Sodium Acetate

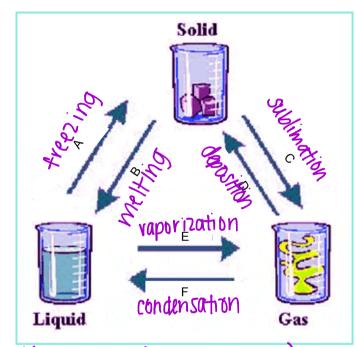


- 1. Determine the kind of solution:
- a. the shaded pink graph area Supersaturated
 b. the white graph area unsaturated
 c. the purple line Saturated
 2. How many grams of sodium acetate is dissolved at 75 degrees Celsius?

3. Fill in the chart, > dense and positive.

in the onart.	A Inches Charles & ACILL	1 10
Scientist	Discovery/ Belief	How?
Aristotle	fire . water, air learth	Popular: Sawoo
Chadwick	neutrons	
Thompson	electron cathode ch	ocolate chip.colki
Rutherford	electron cathode ch	latori apple
Curie	radioactivity - ur	anium
Democritus	atom	
Bohr	e- are inorbits	2-8-8-18
Lewis	valence electrons,	right, top, left,
	conding	bottom

4. For each letter, determine which appropriate term should be placed in the diagram for physical change.



Ke-same (temp is same) Pe-9/1



Physical Changes



A physical change is when an object changes from one type of matter to another without creating a new substance or changing chemically. When you change the physical properties you have a physical change.

Physical Properties



mass volume weight length width texture color shape smell



temperature hardness state of matter

Examples of Physical Changes



Tearing, folding, cutting, bending, breaking, freezing, warming, cooling, boiling, dissolving, separating, changing color, evaporation



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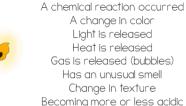
Chemical Changes



Chemical changes break up and reform molecules to create a new substance. The new substance will have different properties from the original substance and is not reversible.

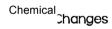
Signs of a Chemical Change Energy is absorbed or released

Change in temperature





Examples of



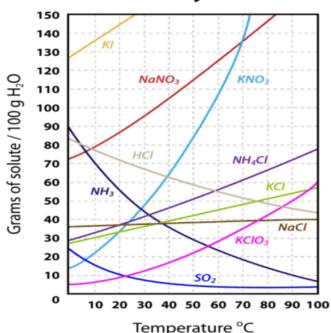


frying an egg, fireworks, a banana turning brown, a nail rusting, baking a cake, lighting a match

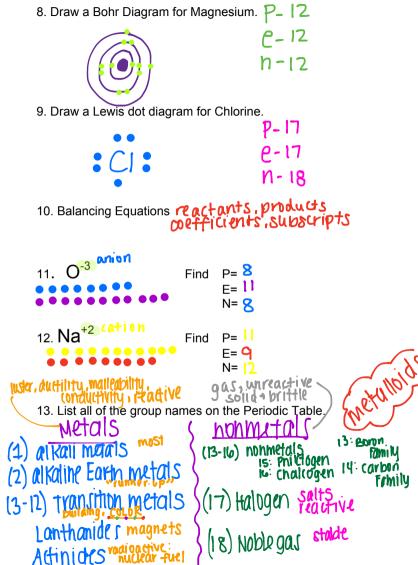


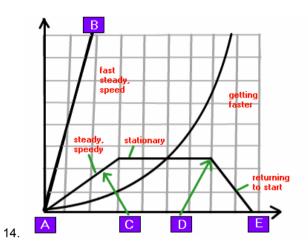
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- 5. Which three solutions decreases in solubility when temperature increases? 50a, NH_3 , HCI
- 6. Which solution dissolves about 80 grams of solute at 10 degrees Celsius? **HCl OY NON)**
- 7. Determine if the solution is supersaturated, saturated, or unsaturated: 20 grams of KClO₃ is dissolved at 70 degrees C.





Create sentences that can explain each part of line or line/letter:

15.	Class	Lever	wnat ¹ 5 sin between?	Example	Purpose	MA	-
	• Fir		fulcrum	seesan scissors	Direction	= +0	
	• Se	cond	output	parron	she of	grater than 1	_
	• Th	ird	input	rake tweeze brobm	rstance	than 1	

16. Questions??????