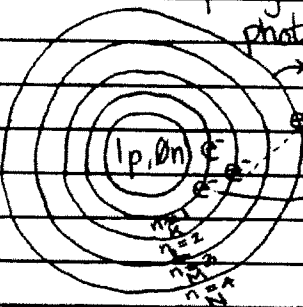
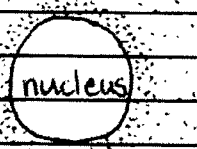


Topic: <u>Graphing Linear Equations</u> Questions/Main Ideas	Name: _____ Class: <u>Algebra</u> Period: <u>4</u> Date: _____ Notes
Standard form -	$Ax + By = C$ ex. $4x + 3y = 9$
Slope intercept form -	$y = mx + b$ ex $y = 2x + 1$
slope -	rise = change in y value = $y_2 - y_1$
	run change x value $x_2 - x_1$
$2x + 4y = 20$ find the slope:	$2x + 4y = 20$
subtract $2x$	$-2x \quad -2x$
	$4y = -2x + 20$ slope = $-\frac{1}{2}$
divide by 4	$4 \quad 4 \quad 4$ y-intercept = 5
	$y = \frac{1}{2} - \frac{1}{2}x + 5$
How do you graph a slope?	* Graphing 1. Plot y-intercept 2. follow slope 3. connect line
Find the slope:	$(6, 4), (3, 2)$
find slope	$\frac{y_2 - y_1}{x_2 - x_1} = \frac{2 - 4}{3 - 6} = \frac{-2}{-3} = \frac{2}{3}$
	$y = \frac{2}{3}x + b$ $y = \frac{2}{3}x + 0$
substitute	$4 = \frac{2}{3}(6) + b$ slope-intercept = 0
	$4 = 4 + b$ $b = 0$ y-intercept = 0
Summary: Today in class we learned the standard form	
$(ax + by = c)$ the slope intercept form $(y = mx + b)$ and	
what a slope is (rise over run) We also learned that	
when graphing, you plot the y first then follow the slope.	

<p>Class Notes If there was no class lecture this week, write a paragraph about what you learned and/or questions about what you didn't understand.</p> <p>Topic: <u>1800's</u></p> <p>Questions/Main Ideas:</p>	<p>Name: <u>Student A</u></p> <p>Class: <u>US History</u></p> <p>Period: <u>4</u></p> <p>Date: <u>1/11/03</u></p> <p>Notes:</p>
<p>What are carpet-baggers?</p>	<p>Carpetbaggers are people from the North who moved to the South during Reconstruction usually for the purpose of gaining money.</p>
<p>How many people are on the floor of Congress?</p>	<p>There are 33 people on the floor of Congress (p. 365)</p>
<p>Name the place where Lee surrendered to Grant.</p>	<p>Lee surrendered to Grant in Virginia.</p>
<p>What is amnesty?</p>	<p>The definition of amnesty is the general pardon by the government.</p>
<p>How many electoral votes were allotted to New York in 1876?</p>	<p>20 votes were given to New York in the election of 1876.</p>
<p>Summary: During Reconstruction the people who moved from the North to the South to gain money were called Carpetbaggers. They were trying to benefit themselves after losses during the war.</p>	

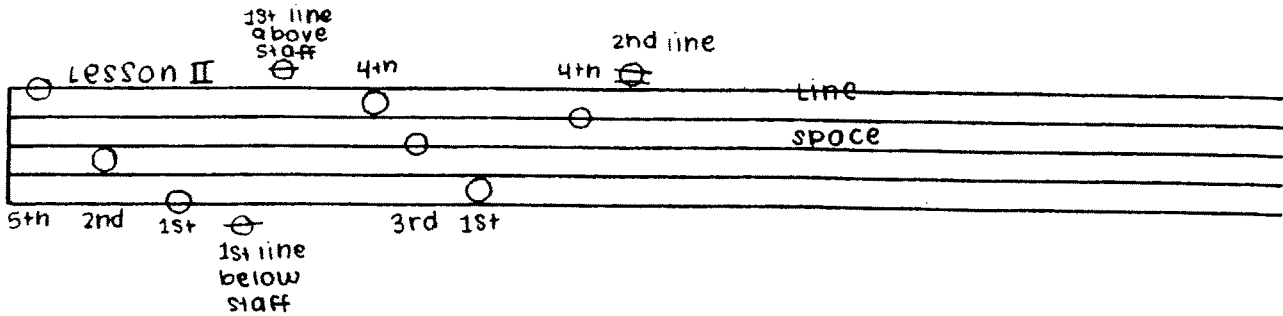
Topic: <u>Atomic Model</u>	Name: _____ Class: <u>Chemistry</u> Period: <u>4</u> Date: _____
Questions/Main Ideas	Notes
What does Niels Bohr's atomic model look like?	Niels Bohr's Hydrogen Atomic Model (Hydrogen Atom) 
What is the difference between the ground state and the excited state?	
How many electrons can be on the same orbit?	<ul style="list-style-type: none"> • $n=1$ $2e^-$ • $n=2$ $8e^-$ • $n=3$ $8e^-$ • $n=4$ $18e^-$
	Excited: Whenever an electron moves up.
	Ground State: Stays on the same level; lowest possible level.
Why was Bohr's model proven wrong?	<ul style="list-style-type: none"> • It was said that Bohr's model was wrong. • Electrons do not travel in an orbit around the nucleus. • They travel on a sphere-shaped system. • There are more electrons closer to the nucleus than further away.
Summary:	Niels Bohr proposed that electrons move around or circle the nucleus in an orderly fashion, through orbits. It's believed that in the 1 st energy level, there are only 2 electrons allowed, 8e ⁻ on the 2 nd , 8e ⁻ on the 3 rd and 18e ⁻ on the 4 th . There's also the 2 types of atom states (ground/excited). Bohr's model was later proven wrong.

Adapted Cornell Notes for Music

Lesson I

MUSIC:// choir notes

What is the staff?	the five lines and four spaces that music is written on
How do you number a staff?	from low to high (lines) spaces or bottom to top
What is pitch?	the highness and lowness of a tone
What are notes?	symbols that represent pitch



What is a treble clef?	the treble C clef sign shows higher pitch sopranos &
What is the base clef?	alto use treble clef sign
What are the letters of the musical alphabet?	C - the base or F clef shows lower pitch:// baritones a, b, c, d, e, f, g

Lesson III

every good boy does fine

What are letter names of the treble clef?	
What phrase does it make?	

What are the letter names of the treble clef spaces?	
What word does the letter of the spaces spell?	

What is a measure?	the staff is divided into sections or boxes
What are bar lines?	Bar lines divide the staff into measures

contributed by:
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