

Algebra 2 Lesson Plans Fall 2022 BVLA

[Google Classroom Page](#)

[Zoom Link](#)

Code is: 364594

[Culver's Zoom](#)

[In Class Class](#)

[In class notes Algebra 2 Q2](#)

[Video Library](#)

[Helper Documents](#)

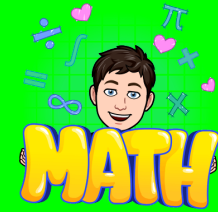
[Mr. Brooks Check-In](#)

[Desmos class activities](#)

BVLA Zoom Links, schedule, and learning log

[Learning Targets and Standards Links](#)

[Learning Log](#)



SELF-REGULATION
Plan for a task,
monitor performance,
reflect on outcome



REMOTE COLLABORATION
Work together
using digital tools to
achieve goals



**CRITICAL THINKING
AND PROBLEM SOLVING**
Apply knowledge to solve
complex problems



**EMOTIONAL
INTELLIGENCE (EI)**
Manage emotions
effectively to navigate
challenges



TIME MANAGEMENT
Work smarter, not
harder, to reach goals



CREATIVITY
Develop innovative ideas
for unique solutions

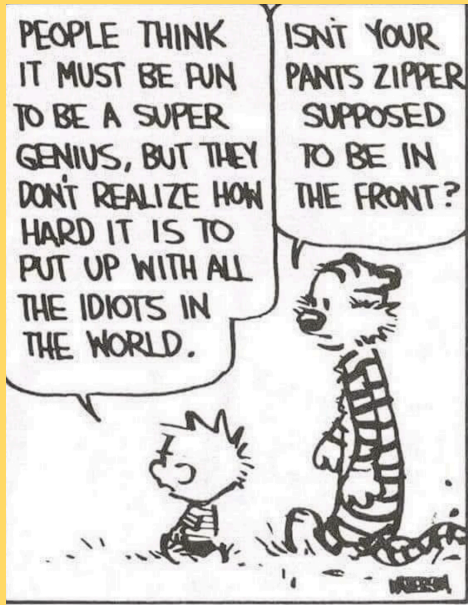


Eric Sheninger (@E_Sheninger) - Image created by @RigorRelevance

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday August 8th	No School		First day of school Video BVLA Alg 2 Class Prez Class video 8-11 Class video for 8-13 No math “content” this week. We are preparing for a great year. All assignments will be turned in using Google Classroom
Tuesday August 9th	No School		
Wednesday August 10th	Frayer Model Introduce Yourself Assignment GC Go over Syllabus	Build relationships with teacher and students. Learn Classroom Expectations	
Thursday August 11th Zoom recording	To do Checklist Assignment GC	Get set up on Technology	
Friday August 12th Zoom recording	SMART Goals Assignment GC	I can set and talk about smart goals	



Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday August 15th Zoom recording	Review solving two step equations Complete Foundations 1 Assignment in Deltamath	I can solve two step equations	This color means the assignment is on Deltamath.com
Tuesday August 16th Pre recorded lesson	Review solving multi-step equations Complete Foundations 2 Assignment in Deltamath	I can solve multi-step equations I can identify when there are one, no, or infinite solutions	Notes for Unit 1
Wednesday August 17th Zoom recording	Complete Found-Radicals Assignment in Deltamath	I can simplify radicals	
Thursday August 18th Thursday, August 18th 7:30am BVLA IN THE MORNING	Complete adding, subtracting, and dividing radicals assignment in GC Pre Recorded lesson Multiply Radicals Add radicals	I can multiply Radicals	
Friday August 19th 	Is it true task GC video	<div>Standards</div> <p>KY.HS.A.1 Interpret expressions that represent a quantity in terms of its context. ★</p> <ol style="list-style-type: none"> Interpret parts of an expression, such as terms, factors and coefficients. Interpret complicated expressions, given a context, by viewing one or more of their parts as a single entity. <p>MP.2, MP.6</p>	



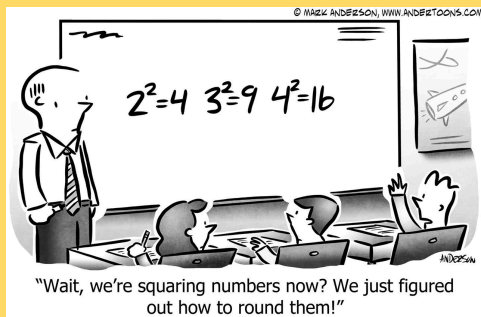
Week 3

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
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Monday August 22nd Zoom recording	Warm-up Dividing Radicals complete Found-Radicals 2 Assignment in Deltamath Combine with X will be gifted and talented	LT: I can rationalize the denominator	Notes for Unit 1 This color means the assignment is on Deltamath.com
Tuesday August 23rd	Solve using square roots Assignment GC Pre-recorded class	LT: I can use square roots to solve equations	
Wednesday August 24th Recorded zoom	warm-up complete Found-Radicals 3 Assignment in Deltamath	LT: I can use square roots to solve equations	
Thursday August 25th	Remediation Day -Complete any missing work -watch video below and correct your "is it true" task Watch this video	Remediation day	
Friday August 26th	Complete A2 Formative (Radicals) in G	assessment	

Week 4

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday August 29th Zoom recording	warm-up Solve radical equations Assignment GC Quiz video review	I can solve radical equations	Notes for Unit 1 This color means the assignment is on Deltamath.com
Tuesday August 30th No zoom	Review all- look over study guide for test Correct formative from 8-26		
Wednesday August 31st Zoom recording	Warm -up complete Found Exponent Rules Assignment in Deltamath Exit slip	I can convert radicals to exponents and back I can simplify negative exponents and use exponent rules	
Thursday September 1st BVLA In the Morning @7:30	Test Day 1		
Friday September 2nd	Test Day 2		



Week 5

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday September 5th	No School		Notes for Unit 1
Tuesday September 6th Asynchronous	- Complete Unit 1 Reflection After taking the test Complete Absolute Value Assignment #1 GC	I can solve absolute value equations	Constraints Notes (unit 2) This color means the assignment is on Deltamath.com
Wednesday September 7th Zoom recording	Absolute Value Assignment #2 GC Warm up Class video	I can solve absolute value inequalities	Symbols in math!
Thursday September 8th Asynchronous Mental Health Session Zoom @7:30 No Math Lessons	Complete Inequalities Assignment in Deltamath.com Class Lecture (watch this!!!!)	I can solve and graph inequalities	Movie for the weekend (Mr. Brooks will be watching): Dr. Strangelove
Friday September 9th,	Warm-up Complete Interval Notation	I can write answers in interval notation, graphs, or inequalities	

Zoom recording Meet and Eat 12 noon	Assignment GC		
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Week 6

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday September 12th Zoom recording	Complete Linear Inequalities 2 Assignment in Deltamath.com	I can solve and graph inequalities I can translate between interval	This color means the assignment is in delatmath.com

	Warm up	notation and inequalities	Constraints Notes (unit 2) Be sure to check your answers on the HW Keys!! Symbols in math! Tara Miles, MSSW, CSW School Social Worker Bullitt County Specialized Programs 502-869-6600
Tuesday September 13th	Complete Inequalities 3 Assignment in Deltamath.com	I can solve and graph inequalities and express solution sets in multiple ways.	
Wednesday September 14th Zoom recording	Absolute Value Inequalities Assignment GC warm-up	I can solve and graph absolute value inequalities	
Thursday September 15th	Absolute value inequalities Assignment #2 GC Constraints Formative GC	I can solve and graph absolute value inequalities	
Friday September 16th,	Constraints Task #1	Task Application	

Week 7


Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday September 19th recording	Talk about Task #1 Graphing Linear Inequalities Practice GC Finish Group Questions ACT Practice warm-up	I can graph linear inequalities	This color means the assignment is in delatmath.com Constraints Notes (unit 2) Be sure to check your answers on the HW Keys!!

Tuesday September 20th	Turn in Group Questions Systems of Equations Assignment on Deltamath warm-up	I can solve systems of equations (substitution, graphing, and elimination)	Symbols in math! Tara Miles, MSSW, CSW School Social Worker Bullitt County Specialized Programs 502-869-6600
Wednesday September 21st Zoom 9:15	Tacos and Linear Programming Assignment (in Class) Linear Programming Assignment #1 GC	I can apply inequalities and systems to perform linear programming	
Thursday September 22nd 7:30 	Systems of Equations Assignment 2 on Deltamath	Review Solve systems by Graphing Solve systems by Elimination	
Friday September 23rd 9:15 zoom help for HW 	Linear Programming Assignment #2 Warm up	linear programming	

Week 8



Day and Date	Lesson Plans	Learning Targets	Notes/Resources
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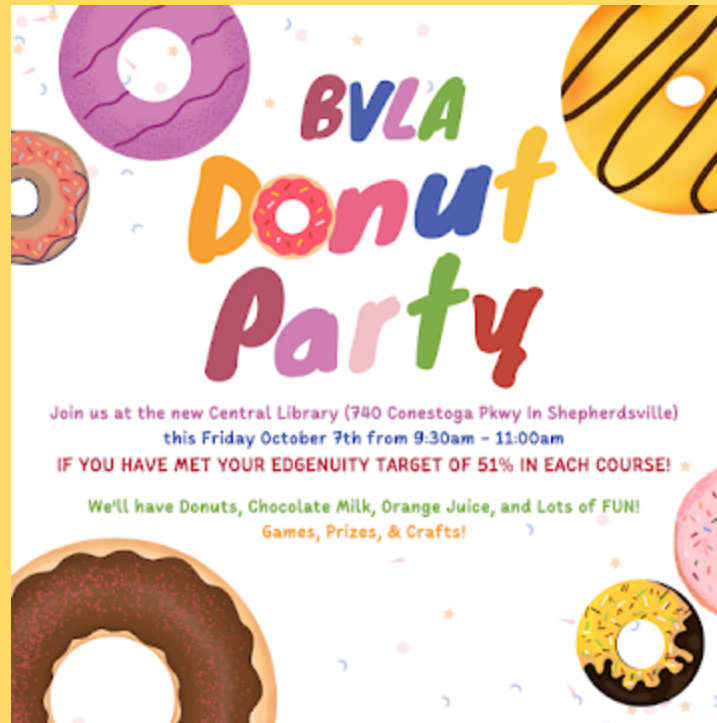
Monday September 26th Zoom recording	Linear Programming Quiz Cover Systems of Equations in class Finish Group work Quizzes warm up	Linear Programming	Class video for (27th) This color means the assignment is in delatmath.com Constraints Notes (unit 2)
Tuesday September 27th	Linear Programming Assignment #3 Complete ACT Math Practice #1 (also found in BVLA HS Classroom)	Linear Programming	Be sure to check your answers on the HW Keys!! Symbols in math! Tara Miles, MSSW, CSW School Social Worker Bullitt County Specialized Programs 502-869-6600
Wednesday September 28th Zoom recording	Review for Test Frayer Model Assignment GC EC Warm up		
Thursday September 29th	Remediation Day Extension: Linear Programming Assignment #4 (Extra Credit for students who have turned everything in) Complete ACT Math Practice #2 (also found in BVLA HS Classroom)		KEN BURNS CIVIL WAR DOCUMENTARY

<p>Friday September 30th</p>  <p>Join us in historic Hodgenville to tour President Lincoln's Birthplace and Boyhood Home!</p> <p>BVLA Virtual Field Trip</p> <p>Join Your Teachers on Zoom Friday 9/30 at 9:30am - Use Mr. Brooks' Link</p>	Take Constraints Test (Day 1)		
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Week 9

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
<p>Monday October 3rd</p> <p>No zoom; personal day</p>	<p>Test Day 2 (ORQ)</p> <p>Fill out Reflection for Unit</p> <p>Test ORQ in GC</p>		<p>Congrats to Caden, Student of the Month!!!</p> <p>This color means the assignment is in delatmath.com</p>
Tuesday October 4th	Complete Quadratics Vocabulary Assignment GC	Quadratics Vocabulary	<p>Constraints Notes (unit 2)</p>
<p>Wednesday October 5th</p> <p>Zoom recording</p>	<p>Complete Match My Parabola Assignment in Desmos.com, link is in GC</p> <p>warm-up</p>	I can graph and understand graphs of Quadratics	<p>Be sure to check your answers on the HW Keys!!</p> <p>Symbols in math!</p>

<p>Thursday October 6th</p> 	<p>Complete Delta Math Quadratics 1 assignment</p>		<p>Tara Miles, MSSW, CSW School Social Worker Bullitt County Specialized Programs 502-869-6600</p> <p>Quadratics Notes</p>
<p>Friday October 7th</p> 	<p>Check test Key</p> <p>Grade Check Day. Check your grades on IC, last chance to turn in work</p> <p>HW Group at 11:30am on zoom</p>	<p>End of Grading Quarter</p>	

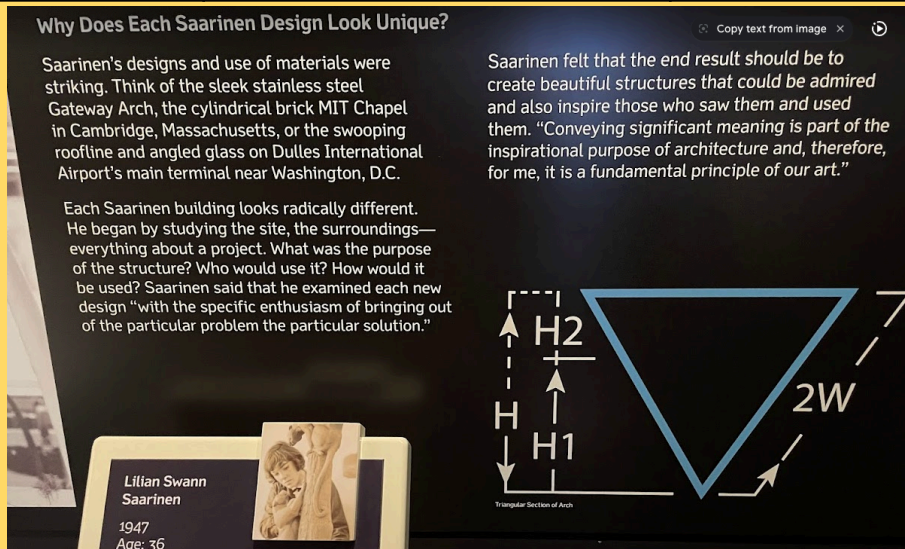


Fall Break

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday October 10th	Fall Break!!! BookMark!		
Tuesday October 11th			
Wednesday October 12th			
Thursday October 13th			
Friday October 14th			




Week 11

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday October 17th Zoom recording	Quadratics Reading Assignment GC Warm-up A (not-confident) Warm-up B (confident)		Congrats to Caden, Student of the Month!!! This color means the assignment is in delatmath.com Quadratics Notes
Tuesday October 18th	Complete Delta Math Quadratics 2 assignment	Graphing quadratics from tables Evaluating quadratic functions Standard form	Be sure to check your answers on the HW Keys!! Symbols in math!
Wednesday October 19th Zoom recording	Quadratic Formula Assignment GC warm-up	I can use the quadratic Formula	Tara Miles, MSSW, CSW School Social Worker Bullitt County Specialized Programs 502-869-6600
Thursday October 20th	Discriminant Assignment AFTER YOU DO THIS, IT'S A REALLY GOOD IDEA TO GO BACK AND REREAD THE READING ASSIGNMENT!	What is a discriminant and how can I use this to help with quadratics	Shop BVLA St. Louis Trip
Friday October 21st BVLA Breakfast	Lateral Numbers Deep Dive Here's a simple video that covers the deep dive in 9 minutes	What is a complex or imaginary number. Fundamental Theorem of	



Week 12

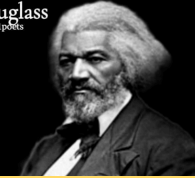
Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday October 24th Zoom recording	<p>Complete Delta Math Quadratics 3 assignment</p> <p>Warm-up</p> <p>Youtube help GCF</p>	I can Factor to solve quadratics	<p>This color means the assignment is in delatmath.com</p> <p>Quadratics Notes</p> <p>Be sure to check your answers on the HW Keys!!</p>
Tuesday, October 25th	BVLA Conference	You must attend 8 sessions (plus mandatory sessions) for the week. Then write a reflection on	<p>Symbols in math!</p> <p>Tara Miles, MSSW, CSW</p>

Wednesday, October 26th		what you learned.	School Social Worker Bullitt County Specialized Programs 502-869-6600
Thursday, October 27th 			<p>Long exposure photograph I captured of the recent SpaceX Starlink launch and its reflection along the shoreline of the Atlantic Ocean.</p> 
Friday, October 28th 	Complete the MPG Task in Google Classroom	Use technology to create and interpret data	





“It is easier to build strong children than to repair broken men.”

— Frederick Douglass
www.facebook.com/01posts





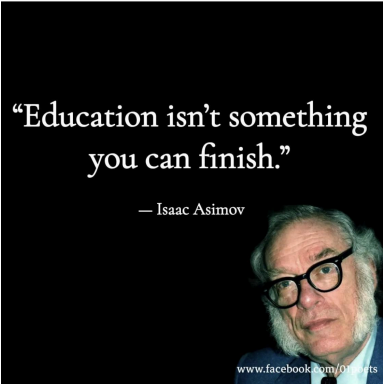
Week 13

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday, October 31st  zoom recording	Complete Delta Math Quadratics Real assignment How not to be wrong supplemental GC Youtube help Factoring zero product rule	Factoring Trinomials $a=1$ Zero product rule “X game”	St. Louis Trip Shop BVLA This color means the assignment is in delatmath.com Quadratics Notes THE MOST BORING WEEK OF DELTAMATH EVER!!!!
Tuesday, November 1st	Remediation for past assignments Complete Delta Math Quadratics 4 assignment	Factoring Practice	
Wednesday, November 2nd recording	Warm-up	Factoring Practice	

	Remediation Day - Correct work		SORRY, we will have better assignments next week, promise.
Thursday, November 3rd 	Factor $a > 1$ Video instructions #1 #2 Complete Delta Math Quadratics 5 assignment	Factor $a > 1$ Remember: Always try to GCF First	
Friday, Nov. 4th	Formative in GC		


Week 14

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday, November 7th	Bullitt Day, No School 		Mr. Brooks' Video Playlist (under construction)
Tuesday, November 8th 	No School		Shop BVLA This color means the assignment is in delatmath.com
Wednesday, November 9th Zoom recording	Complete Delta Math Quadratics 6 assignment Factor by Grouping Graphing standard form (MPG Extension) Finish/correct MPG Task	Factor by Grouping	

	Quizzes Warm-up Virtual Field Trip NASA GLenn Research Center 1pm		 <pre> graph TD A[Complex Numbers] --> B[Real Numbers] A --> C[Imaginary Numbers] B --> D[Rational Numbers] B --> E[Irrational Numbers] D --> F[Integers] F --> G[Whole Numbers] G --> H[Natural Numbers] I["The imaginary unit i is defined as i = √-1."] -.-> C </pre>
Thursday, November 10th	Graph Quadratics from Standard Form Assignment GC		
Friday, Nov. 11th Mr. Feuquay Zoom (password is "y87Nid", if needed)	Rocket Quiz GC ON DEMAND WRITING 8:30 Feuquay zoom Fresh-Soph-Juniors		


Week 15

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday, November 14th Recording	Complete Delta Math Complex Numbers 1 Assignment warm-up	Add imaginary and complex numbers.	Mr. Brooks' Video Playlist (under construction) Shop BVLA This color means the assignment is in

Tuesday, November 15th	Complete Delta Math Complex Numbers 2 Assignment	Multiply imaginary and complex numbers	delatmath.com Quadratics Notes
Wednesday, November 16th Zoom recording	Remediation Day Warm-up	Powers of i	
Thursday, November 17th 	Imaginary Numbers Assignment GC		
Friday, Nov. 18th	Complete the Square Assignment GC		

Week 16

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday, November 21st Zoom recording	Quadratics ACT Assignment warm-up	ACT prep	Mr. Brooks' Video Playlist (under construction) Shop BVLA This color means the assignment is in delatmath.com Quadratics Notes
Tuesday, November 22nd	No School	No School	
Wednesday, November 23rd	No School		


Thursday, November 24th			
Friday, Nov. 25th			
	No school		


Week 17

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday, November 28th Zoom recording	Solve systems of Equations with Quadratics Go over Rockets Quiz Mr. Brooks!!!!!!!!!!		Mr. Brooks' Video Playlist (under construction) Shop BVLA This color means the assignment is in delatmath.com Quadratics Notes
Tuesday, November 29th	Quadratic Projectiles Assignment GC		
Wednesday, November 30th Zoom recording	Review Solving, Factoring, Graphing		
Thursday, December 1st	Summative Day 1 Review Complex Numbers		
Friday, December 2nd	Summative Day 2		

	Reflection		
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Week 18


Day and Date	Lesson Plans	Learning Targets	Notes/Resources
Monday, December 5th Zoom recording	Complete Parent Function Assignment GC (2 quizzes linked in PPT)	Identify parent functions	Better get your Edgenuity Done!!!! This color means the assignment is on Deltamath.com
Tuesday, December 6th	Remediation Day		New Rule for Numbers: Never have an imaginary number in the denominator (realize the denominator) Polynomials Unit Notes
Wednesday, December 7th Recorded zoom	Constructing Polynomials Assignment GC ← Watch the video!!!!		
Thursday, December 8th 	Complete Polynomials Assignment in Deltamath.com Adding and Subtracting Polynomials Assignment GC Make sure you have completed the ORQ on the Quadratics Summative. Turn this in. If you have: Check the key posted in GC. Then hit submit, you will get 5 points automatically.	Adding and subtracting Polynomials	

<p>Friday, December 9th</p>  <p>PLEASE JOIN YOUR TEACHERS ON FRIDAY 12/9 FROM 8:30AM - 9:30AM AT PANERA IN SHEPHERDSVILLE</p> <p><i>BVL A Pop-Up Breakfast!</i></p> <p>Come Hang Out and Make Some New Friends! Bring Money for Breakfast, and Share Some Great Company!</p>	<p>Complete Polynomials Formative in GC</p>		
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Week 19

Day and Date	Lesson Plans	Learning Targets	Notes/Resources
<p>Monday, December 12th Zoom recording</p> <p>ASK Practice Exam Noon McNeese Zoom</p>	<p>Exponential Functions #1</p> <p>warm-up</p>		<p>Better get your Edgenuity Done!!!! This color means the assignment is on Deltamath.com</p> <p>New Rule for Numbers: Never have an imaginary number in the denominator (realize the denominator)</p>

<p>Tuesday, December 13th</p>  <p>The poster for the BVLA Christmas Party features a festive design with candy canes, holly leaves, and a snowman. The text on the poster includes: 'BVLA CHRISTMAS PARTY', 'December 13th', '9:45am - 12:00pm', 'Central Library in Shepherdsville', '240 Eastwings Way', 'Shepherdsville, KY 40363', and 'FUN WITH FRIENDS, MOVIE, GAMES, PRIZES, COOKIES, SNACKS, MAKE A CHRISTMAS ORNAMENT'.</p>	<p>Exponential Functions #2</p> <p>End of Year Reflection</p>		<p>Exponential Notes</p>
<p>Wednesday, December 14th</p> <p>8am Naviance Brooks Zoom</p> <p>Zoom recording</p>	<p>Exponential Functions #3</p>		
<p>Thursday, December 15th</p> <p>ASK EXAM 9:30</p>	<p>Brooks at ROC 12:30</p> <p>Last Day for Grades!!!</p>		
<p>Friday, December 16th</p>	<p>Last Day of School!!!</p>		