

# Welcome to Mr. Gelb's Algebra I



# Open House 2022

Thank you for attending the not at all creepy virtual open house!

To exemplify student voice, please explore some student experiences they've shared!

If you have a specific question please email me at [jgelb@seq.org](mailto:jgelb@seq.org)

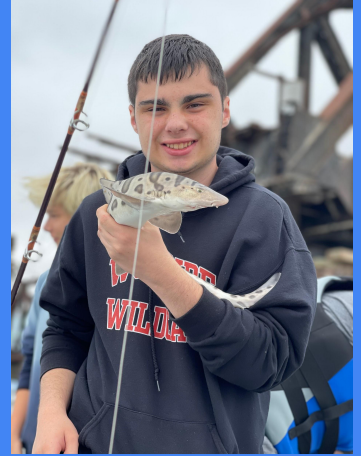
Thanks for attendin!

# Algebra I: Parker's voice

1. Algebra I is the first course in the mathematical branch of Algebra.

2. A thing that I have found challenging in this class was taking the tests early on. I have now overcome this by well preparing for upcoming tests.

3. One thing that I love about the class is the teacher, Mr. Gelb. He is sarcastic, and has a good teaching structure that helps me learn the math.



# Slide 2

4. This year, we have learned how to solve algebraic equations, functions, and finding out how to read a graph.

5. I have accomplished many things this year, I have learned how to approach real world problem using the skills we learned in the class.



Unit 5 Group Test  
Name: Karlson Period: 5 Name: Oliver Period: 5  
Name: Eli Period: 5

Day	# of Apples
0	6
1	30
2	150
3	750

1. Which equation best models the number of apples  $a$ , as function of days,  $d$ ?

- $a = 30(5)^d$
- $a = 5(30)^d$
- $a = 30(6)^d$
- $a = 6(5)^d$

2. Explain how you know you know this equation represents the number of apples on the apple farm.  
*The starting value of the apples is 6. The number is also going up by 5 each time.*

3. The equations below represent the number of bunnies living in a forest as a function of time. Which equation has the greatest growth factor?

- $b = 12\left(\frac{3}{4}\right)^t$
- $b = 7\left(\frac{3}{2}\right)^t$

*$a. b = 100(0.8)^t$   
 $b. b = 50(4)^t$*

4. The equation shows how much medicine,  $m$ , in milligrams, is left in a person's body,  $h$  hours after they took the medicine:  $m = 1000\left(\frac{3}{4}\right)^h$

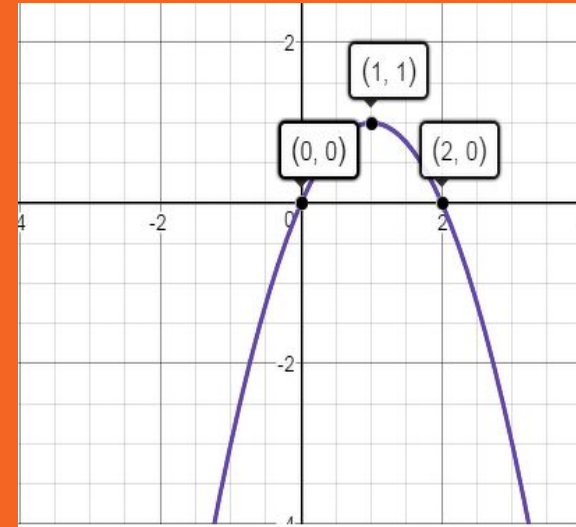
- How much medicine will be in the person's body 5 hours after they took it? (Round your answer to two decimal places)  
 $1000 \cdot \left(\frac{3}{4}\right)^5 = 237.3$
- What does the 1000 tell you in this situation?  
*1000 is the starting point of the situation*
- What does the  $\frac{3}{4}$  tell you in this situation?  
 *$\frac{3}{4}$  or 0.75 tells me that the other 25% is increasing each hour.*

Graph the equation for the amount of medicine between 0 and 5 hours:

# WHAT I LIKE MOST ABOUT ALGEBRA

What I like most about Algebra is that we practice a lot. Mr. Gelb always makes sure that we are working. Whether were on desmos or on a sheet, he always makes sure were getting some work done. I like that fact that when we learn sometime new we practice is for quite a while. I enjoy that we do warm ups in the beginning of class so that our brains start running, and not only do we do warm ups but we also do a closure at the end of class!! At the end of class we get a piece of paper and we some more problems and most of us have it down! In algebra I like how we're all comfortable talking freely and we all get along.

We learn a lot about graphs, and variables.



# Why I love Mr. Gelbs 5th period algebra class!!

This class is one of my favorite classes! I love the environment, Mr Gelb makes the class fun while making sure we understand what we're learning and why we're learning it. I love that my classmates and teacher make the class exciting to go to even though math is not my best subject. This year I am proud of how much I have progressed in math, I was bad at it before but now I understand it much better!

- Chase H.