

Algebra 2 Semester Review Project

PART 1:

We've discussed several different topics this semester. You will be assigned three topics by Ms. McNabb and choose one additional one yourself that you think you need to work on reviewing. A list of topics/sections is on the last page.

Your task is to create a mini review video for each of your four topics, and post them to FlipGrid so that with the whole class together we have a review resource for the entire semester.

Details:

- In each video you must explain the big ideas of the topic and work out at least one example problem that you explain in detail. If your topic requires more examples to cover all the information, include more. Come up with your own problems, not ones that are already worked out in your notes.
- Your videos should be short and sweet, but engaging to viewers. No monotone reading off of your paper. Think of it like a news soundbite - hook us somehow into watching.
- At the end of your video, include a problem for viewers to try on their own (again, write your own, not from the notes). Post the answer (do not include work) as a reply to your original video so that they can watch it to check.
- Other people may appear in or assist in your videos, but you must be the one explaining the math ideas.
- Each video should be no more than 5 minutes long.
- In the title of your post, put the section number and name of your topic.
- The Flip Code is alg2201819

PART 2:

Pick four topics that you didn't make videos on (something you think you need a refresher on), and watch a classmate's review video. Work out the "try it" problem in their video. Then leave a reply that explains your solution (with work). If you don't agree with the answer they have posted or have a question, let them know. Also describe something you found helpful in their video or something that you still are confused on.

Timeline:

- Monday – Topics assigned, begin planning/recording
- Tuesday – Two of your four videos must be completed/posted by the end of the day
- Wednesday – All four videos must be completed/posted by the end of the day
- Thursday – Watch four classmates' videos and work out the problems, post solutions (due by Friday)

Tips:

- I'd recommend recording to your camera roll, not in FlipGrid. That way if it fails to post you don't lose your work.
- Look back at your notes or the notes I've posted on Schoology to get an idea about what is important for your topic.

SCORING:

Criteria	Grading Scale		
Key Ideas / Example The video explains the key ideas of the topic and includes at least one worked out example.	6 Topic ideas are explained clearly and correctly and an example is worked out in detail	4 Topic ideas are explained correctly and an example is worked out	2 Contains mistakes or incorrect information
"Try it" Problem A problem is written for viewers to try and answer is posted	2 Appropriate problem included and correct answer posted	1 Problem doesn't fit with section topic or incorrect answer	
FlipGrid Post Title The post is titled with the section number and topic name	1 The post is titled with the section number and topic name		
Engagement Factor	1 The video is engaging to watch		
Watch & Reply Four classmates' videos are watched, problems worked out, and replies posted w/feedback solutions	2 A detailed and useful comment is left on the video, which includes the solution to their problem	1 A reply is left, but it lacks detail or the solution to the problem	

12 x 4 Videos & Replies = 48 Points

Use of Class Time	2 All deadlines are met and time is used wisely	1 Most deadlines are met
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Score = _____
50