

System of Equation Choice Activity-  
Choose 2 out of 3 task or complete task 4

- **Task 1: Collaborative Pairs: graphing versus substitution handout**

- **Grade:\_\_\_\_\_**

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- **Task 2: Draw a comic strip or create a story that includes a real world situation with a system of equation using substitution or graphing. Be sure to include an explanation of its meaning in your comic strip and include all 3 types of solutions.**

- **Meaning of System of Equation: 2 points**
- **Colorful Presentation: 1 point**
- **Included all 3 types of solutions (1 point each): \_\_\_\_/3 points**

- **Grade:\_\_\_\_\_**

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- **Task 3: Research how to solve a system of equation by elimination. Then create a video or song about the system of equation. Include instructions on how to solve and be sure to include all 3 types of solutions.**

- **Instructions on how to solve are correct 2 points: \_\_\_\_\_**
- **Instruction on how to solve are partially correct: 1 point \_\_\_\_\_**
- **Presentation is a video or song: 1 point \_\_\_\_\_**

- **Grade:\_\_\_\_\_**

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**Final Grade on 2 out of 3 Tasks: \_\_\_\_\_**

## System of Equation Choice Activity-

Choose 2 out of 3 task or complete task 4

- **Task 4: Complete the system of equation web-quest**

<https://systemswebquestkearney.weebly.com/>

Student Rubric	Total Points: _____/48			
	0	2	4	6
<b>Assigned a Role</b>	Did not choose an assigned role for a specific method of solving a system of equations	Only 1 person chose an assigned role	2 group members chose an assigned role	All three group members chose an assigned role
<b>System/Solution</b>	Cannot show understanding of what a system of equations is or a solution to a system of equations	Understands what a system of equations is, but not a solution	Understands what a solution to a system of equations is, but does not understand what a system of equations is	Understand and can demonstrate what a system of equations is as well as a solution to a system of equations
<b>Master of...</b>	Did not watch/use any resources and cannot demonstrate understanding of topic	Watched/Used most resources. Has difficult demonstrating complete understanding.	Watched/Used all resources and can demonstrate a solid understanding by completing all problems, mostly correct	Watched/Used all resources available and can demonstrate understanding of concept by correctly completing all problems
<b>Preparing the Lesson</b>	Did not prepare a lesson for classmates or choose 5 examples to share. Group members were not able to demonstrate understanding of your method	Chose only 1-3 examples for use during teaching group members and did not include a well-planned lesson with answer key and notes. Group members were not able to gain a solid understanding.	a) Chose five examples, but did not include a well-planned lesson with answer key and notes. Group members were able to demonstrate some understanding.  b) Chose less than five examples, and included a lesson, but could have included more notes for planning purposes. Answer	Chose five good examples for group members to complete along with a well-planned lesson, including answer key and notes. Group members were able to demonstrate understanding of your method.
<b>Quia Quiz/ Day 2 Homework</b>	Received a 0 out of 9 on day 2 homework (quia quiz) was not able to demonstrate understanding of all 3 methods	Received a 1- out of 9 on day 2 homework (quia quiz) was only able to demonstrate some level of understanding.	Received a 5-8 out of 9 on day 2 homework (quia quiz) was able to demonstrate more than 50% level of understanding.	Received a 9 out of 9 on the day 2 homework (quia quiz). Demonstrated understanding of all 3 methods.
<b>Setting up Burning Question and System</b>	Did not write a "Burning question" or set up a systems of equations accurately. Only one method was used to solve the system and answer was not interpreted appropriately.	"Burning Question" did not related well to the real world, system was set up partially correct and either did not solve using all three methods or solved using one or more methods incorrectly. Answer was not interpreted for real world meaning.	Chose a good "burning question," (Could have put more thought in here), set up the correct system, solved using 1-2 methods correctly. Answer could have been interpreted in a more meaningful way.	Chose a relevant "burning question," set up the correct system of equations, solved the system using all three methods correctly. Interpreted answer in a meaningful and useful way.
<b>Presentation</b>	Did not present to the group or did not clearly communicate the burning question, solution to the system using all three methods and use of technology was either non-existent or not appropriate.	Presentation as a group seemed disjointed and not prepared. Technology use was not engaging/not appropriate. Accuracy of visuals was below 50%.	Presentation as a group was well thought out. Technology use was slightly disjointed and could have been put together in a more clear and concise way. Visuals were mostly accurate.	Presentation as a group was well thought out and use of technology was excellent. Audience was engaged and visuals were accurate and engaging.
<b>Reflection</b>	Reflected on neither question in a well thought out way.	Reflected on only one of two questions. Reflection answered question being asked, but could have been more in depth.	Reflected on both questions, but could have more thought out.	Reflected on both questions appropriately and in a well thought out way.