

Student Name: _____ Date: _____ Period: _____

Desmos Review Activities:

Objective: You will use Desmos Classroom Activities to review what we have learned in this chapter, as well as strengthen your skills in working with and understanding linear functions. Goals of these activities:

- Identify important features of lines
- Recognize, identify and interpret positive, negative, 0 and undefined slope
- Write equations of lines that satisfy particular criteria
- Use domain to manipulate line segments
- Use a linear function to model data
- Have fun while learning!

To Log-in:

Go To: student.desmos.com

***You do not need to sign in or create an account*

Type in class CODE: _____ (listed below in the menu for each activity)

Click button for Continue Without Signing In

Type in **FIRST** and **LAST NAME** (you will not receive points if you do not use your first and last name). I can see your work listed under your name. If your name is not there, you will not get credit. Your real name will not be shared with the class. You will be given a famous Mathematician's name for each activity. That means, your fellow students do not get to see the fake name you have chosen. Choosing a screen name that is not your own will result in no credit, **and** negative consequences. Please participate respectfully and responsibly.

Directions:

Once you log-in, Desmos will direct you through the activity. Follow all directions carefully. I am monitoring your progress and EVERYTHING that you type is being recorded and is viewable by me. Please take this activity seriously (while having fun!), and practice the skills we have been working on in class. Read through the entire assignment sheet before you begin, so you know what you are accountable for. Be sure to read the grading rubric carefully so that you get all points possible.

This is a menu activity. That means you will have some choice in the assignments that you complete. Follow the specific directions in the menu section.

In addition to recording the activities on the sheet provided, you must also complete and submit the assignment that I am posting on Google Classroom, labeled "Desmos Activity Tracker". Open up this assignment before you begin the activities so you know what you have to do in order to receive full credit.

Pause and Paraphrase: In your own words, summarize the goals of the activity and how you are expected to participate. Please also write what you need to do in order to receive credit. -

Menu of Activities:

Directions: Please enjoy a delicious math meal, by choosing one Appetizer, one Entree and one Dessert. You may have one Appetizer and two Entrees instead of Dessert, if you would like. You may also eat the whole menu--if you have time for it--and have a hankering for some bonus points.

Appetizer:

Polygraph Lines (Part 2), Class Code: U9JEQ

Entree (choose 1):

Match My Line, Class Code: RXU FK

Land The Plane, Class Code: 3Q9J5

Dessert (choose 1):

Marble Slide, Class Code: 525CZ

Lego Prices, Class Code: BBWXV

Appetizer:

Activity Name: _____

Record your answer (with a sketch, as needed), to the question on slide 11.

Entree: _____ **Activity Name:** _____

Record your answer (with a sketch, as needed), to the question on slide 7.

Dessert (or Entree #2): _____ **Activity Name:** _____

Summarize the activity that you completed, using 5 academic vocabulary words from this unit. Describe why you think this activity helps you to deepen your knowledge of the topics in this chapter.

Additional Entree or Dessert (or both): _____ **Activity Name(s):** _____

Tweet about it. 140 characters or less to describe the activity. Two separate tweets, if you completed the whole menu. _____

Final Recap: Total Activities completed: _____

Reflect: Did you accomplish the learning goals today, why or why not? _____

How did this activity help to build your knowledge of linear functions? _____

Rubric (to be completed by teacher):

Followed log-in directions, each time (DID NOT sign in with account or create one) ___/1

Entered First and Last Name, each time: ___/1

Appetizer complete: ___/4

Entree complete: ___/4

Dessert complete: ___/4

Google Classroom Assignment completed (on time, followed directions): ___/4

All sections of assignment complete: ___/2

Additional Choices (extra entree or dessert) Complete (+2 each): ____

Inappropriate/Off Task name chosen, words or phrases used (-1 each instance): _____

TOTAL POINTS: _____/20