



GP Algebra 2 Quarter 1



2024 - 2025

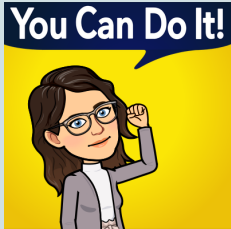
Testing days in this quarter are A & D days

September 2	September 3 A	September 4 B	September 5 C	September 6 D
Happy Labor Day!  Schools Closed	Welcome! Class Expectations & Syllabus Assignment: Pd. 6 Desmos Activity Pd. 7 Desmos Activity Exit Ticket Bell Schedule 	Problem Solving Assigned Seats Warm-Up: Summer Packet (Pg. 2) and ANS KEY McDonald's Lab #1-4 Correlation Coefficient Notes Extra Practice: DeltaMath Algebra 1 Review "Summer Packet" Practice Skills	Linear Regression Warm-Up: Summer Packet (Pg. 7 #1-6) and ANS KEY McDonald's Lab and ANS KEY Correlation Coefficient Notes Extra Practice: DeltaMath Algebra 1 Review "Summer Packet" Practice Skills Assembly Bell Schedule	Linear Regression McDonald's Lab and ANS KEY Correlation Coefficient Notes Pd. 6 Desmos Licensed Drivers (due @ the end of class Monday) Pd. 7 Desmos Licensed Drivers (due @ the end of class Monday) Extra Practice: DeltaMath Algebra 1 Review "Summer Packet" Practice Skills
September 9 E	September 10 F	September 11	September 12 B	September 13 C

Linear Regression Warm-Up: Summer Packet (Pg. 1 #1, 2, 4) and ANS KEY Pd. 6 Desmos Licensed Drivers (due @ the end of class!) Pd. 7 Desmos Licensed Drivers (due @ the end of class!)	Linear Regression Warm-Up: Summer Packet (Pg. 1 #3, 5, 6) and ANS KEY Analyzing Graphs Worksheet #1-6 Answer Key	Algebra 1 Quiz Review Analyzing Graphs Worksheet #7-10 and Answer Key Quiz Review and ANS KEY 6th Period: Pd. 6 Delta Link 7th Period: Pd. 7 Delta Link Work on Algebra 1 Review Quiz Assignment (20 points) due Monday @ 7:30am! MUST UPLOAD WORK FOR CREDIT Evaluating Expressions/PEMDAS, Simplifying Radicals, Finding Slope from Points, Finding Equations of Lines, Line of Best Fit, Linear Regression, Correlation (r-values)	Algebra 1 Quiz Review Quiz Review and ANS KEY Work on Algebra 1 Review Quiz Assignment (20 points) due Monday @ 7:30am! MUST UPLOAD WORK FOR CREDIT Evaluating Expressions/PEMDAS, Simplifying Radicals, Finding Slope from Points, Finding Equations of Lines, Line of Best Fit, Linear Regression, Correlation (r-values) QUIZ MOVED TO MONDAY :) **Back to School Night**	Algebra 1 Quiz Review Quiz Review and ANS KEY Work on Algebra 1 Review Quiz Assignment (20 points) due Monday @ 7:30am! MUST UPLOAD WORK FOR CREDIT **Memorize Perfect Squares and Times Tables!!!** <u>Topics to Focus on:</u> - Finding slope between to points - Writing equations of lines from two points - Special slopes (zero/undefined) - Writing equation from a graph - Solving equation for y - Evaluating expressions with PEMDAS - Simplifying Radicals - Linear Regression - Correlation (r-values) **3 hr delay**
September 16 D	September 17 E	September 18 F	September 19 A	September 20 B

Algebra 1 Review "Summer Packet" QUIZ! No Calculator 45 points **Memorize Perfect Squares and Times Tables!!!** <u>Topics to Focus on:</u> - Finding slope between two points - Writing equations of lines from two points - Special slopes (zero/undefined) - Writing equation from a graph - Solving equation for y - Evaluating expressions with PEMDAS - Simplifying Radicals - Linear Regression - Correlation (r-values)	1.1 Functions Class Notes (Slides) (Slides 1 - 9) and ANS KEY Guided Notes Extra Domain & Range Practice (Pg. 7) **Mrs. Long not available after school - staff meeting**	1.1 Functions Warm Up & Check Delta Work Extra Domain & Range Practice (Pg. 7) Interval Notation Delta Assignment due tonight @ 11:59pm!	1.1 Functions Warm-Up Class Notes (Slides) (Slides 10 - 13) and ANS KEY Guided Notes HW: Increasing/Decreasing Desmos Activity due Monday @ 7:30am! 6th Period Link 7th Period Link	1.1 Functions 9/20 Key Features of Graphs Practice Delta Assignment (due @ the end of class!!) **Mrs. Long Absent**
<u>September 23 C</u>	<u>September 24 D</u>	<u>September 25 E</u>	<u>September 26 F</u>	<u>September 27 A</u>
1.1 Functions Go over Inc/Dec Desmos Questions (Solutions) HW: Notes Pg. 4 Exit Ticket use this link for Desmos Graph	1.1 Functions Class Notes (Slides) (Slides 13 - 16) and ANS KEY Guided Notes CW: Positive and Negative Desmos Activity	1.1 Functions Finish & go over Pos/Neg Desmos Questions (Solutions) Class Notes (Slides) (Slides 17 - 18) and ANS KEY	1.1 Functions Creating Graphs WS and ANS KEY HW: 1.1 Key Features of Functions Review Delta (20	1.1 QUIZ Domain, Range, Positive, Negative, Increasing, Decreasing, Interval Notation (~60 points)

	6th Period Link 7th Period Link Hand Back Tests	CW/HW: 1.1 Practice (Pg. 8) and check ANS KEY CW/HW: 1.1 Key Features of Functions Review Delta (20 points) due Friday @ 7:30 am!	points) due tomorrow @ 7:30 am! Additional Review: 1.1 Quiz Review and ANS KEY *Please Review ALL class notes and assignments as well!* Mrs. Long after school in Room 110 :)	
<u>September 30 B</u>	<u>October 1 C</u>	<u>October 2 D</u>	October 3	October 4
1.2 Transformations of Functions Parent Functions Intro Slides Parent Functions Student Sheet Mrs. Long not available after school - faculty meeting	1.2 Transformations of Functions Parent Functions Intro Slides Parent Functions Student Sheet and ANS KEY Gimkit Exit Ticket (graded!)	1.2 Transformations of Functions Warm-Up: Yesterday's Exit Ticket (graded!) Start Desmos Discovery 6th Period Link 7th Period Link 1.2 Class Notes (Slides 1 - 7) Guided Notes and ANS	Schools Closed Rosh Hashanah	Schools Closed Rosh Hashanah
<u>October 7 E</u>	<u>October 8 F</u>	<u>October 9 A</u>	<u>October 10 B</u>	<u>October 11 C</u>

1.2 Transformations of Functions Intro to Transformations Delta (due tomorrow @ 11:59pm!) <i>**For Translate Functions Levels 1 & 2, move the GREEN DOT with the transformations**</i> **Mrs. Long Absent**	1.2 Transformations of Functions 1.2 Class Notes (Slides 8 – 11) Guided Notes and ANS Transformations (Abs Val & Quadratic) Practice WS and ANS KEY Mrs. Long not available after school – faculty meeting	1.2 Transformations of Functions Finish Transformations (Abs Val & Quadratic) Practice WS and ANS KEY CW/HW: Exit Ticket (Slides 12 – 13)	1.2 Transformations of Functions Warm-Up (Go over Slides 12 – 13) Transformations (Square Root & Reflections) Practice WS and ANS KEY HW: 1.2 Transformations Practice Delta (due Tuesday @ 7:30am!) <i>**Forum Schedule**</i> Mrs. Long not available after school – faculty meeting	1.2 Transformations of Functions Warm-Up (Go over Slides 14 – 17) CW: Speed Dating Practice Activity 1.2 Transformations Quiz Review and ANS KEY HW: 1.2 Transformations Practice Delta (due Tuesday @ 7:30am!)
October 14 D	October 15 E	October 16 F	October 17 A	October 18 B
1.2 Review Warm-Up (Slides 18 – 19) 1.2 Transformations Quiz Review and ANS KEY HW: 1.2 Transformations Practice Delta (due tomorrow @ 7:30am!) Hand back quizzes	1.2 QUIZ (55 points) Parent Functions, Transformations, Vertical Shift, Horizontal Shift, Vertical Stretch/Compression, Reflections May use a 3x5 card :)	PSAT DAY  Need some PSAT Practice? Check out:	1.2 Transformations of Functions Graphing Absolute Value Functions & Finding Critical Points Class Notes (Slides 1–6) and ANS KEY Guided Notes HW: Evaluating Absolute Value Functions Delta (due tonight @ 11:59pm!)	1.2 Transformations of Functions Graphing Absolute Value Functions & Finding Critical Points Class Notes (Slides 7–15) and ANS KEY Guided Notes HW: Practice Worksheet (Pg. 7 in Packet) ANS KEY

	Mrs. Long not available after school - faculty meeting	PSAT Practice #1 & KEY PSAT Practice #2 & KEY Early Dismissal		
<u>October 21 C</u>	<u>October 22 D</u>	<u>October 23 E</u>	<u>October 24 F</u>	<u>October 25 A</u>
1.2 Transformations of Functions <i>HW Questions (Pg. 7)</i> Graphing Absolute Value Functions & Finding Critical Points Class Notes (Slides 16-18) and ANS KEY Guided Notes HW: Practice Worksheet (Page 8 in Packet) ANS KEY	1.2 Transformations of Functions <i>HW Questions (Pg. 8)</i> Graphing Absolute Value Practice WS (Pg. 9 & 10) For #1 - 6, find the following: 1. Vertex 2. Y-int 3. X-int 4. Axis of Symmetry 5. Rough Sketch 6. Domain & Range Solutions <i>Hand Back 1.2 Quizzes</i> <i>*Intruder Drill Schedule*</i>	1.3 Piecewise - Defined Functions Warm-Up Quiz <i>Open Notes</i> (10 points) <i>Finding Abs Val Critical Points (Vertex, y-int, x-int)</i> Piecewise Absolute Value Functions Class Notes (Slides 1 - 6) and ANS KEY Guided Notes Video Example #1	1.3 Piecewise - Defined Functions Piecewise Absolute Value Functions Class Notes (Slides 7 - 8) and ANS KEY Guided Notes Video Example #5 <i>Hand Back 1.2 Quizzes</i> **Forum Schedule**	1.3 Piecewise - Defined Functions Piecewise Absolute Value Functions Class Notes (Slides 9 - 12) and ANS KEY Guided Notes Practice Worksheet (Pg. 15 in packet) #1-8 (<i>finish for HW!</i>) and ANS KEY with SOLUTIONS
<u>October 28 B</u>	<u>October 29 C</u>	October 30 D	October 31 E	November 1

Unit 1 Review HW questions? Warm-Up Quiz Open Notes (10 points) Writing Abs Val as Piecewise Function Finish Practice Worksheet Go over Pg. 4 (SKIP #13,14) and ANS KEY with SOLUTIONS HW: Work on Create Your Own Study Guide (include important topics from 1.1 – 1.3 and examples) 20 point participation grade	Unit 1 Review Work on Create Your Own Study Guide 20 point participation grade	Unit 1 Test ~70 points 1) Dom/Range 2) Inc/Dec & Pos/Neg 3) Horiz/Vert Shifts/Reflection 4) Solve Abs Value Equations 5) Graphing Abs Val Equations 6) Write Abs Value as Piecewise 7) Problems like #11, 12 on Practice Worksheet HW: Make sure chromebook is charged for tomorrow!!!	1.6 System of Equations Carnegie Pre-Test (due @ 7:30am Wednesday) Hand Back Study Guides *Pep Rally Schedule* 	Schools Closed Diwali
<u>November 4 F</u>	November 5	<u>November 6 A</u>	<u>November 7 B</u>	<u>November 8 C</u>
Systems of Equations and Inequalities Lesson 2.3.1 (Pg. 301 – 304) 1. Getting Started* 2. Activity 1* Notes ANS KEY CW: Lesson 1 Assignment (Pg. 315 – 316)	Schools Closed Election Day 	Systems of Equations and Inequalities Lesson 2.3.1 (Pg. 305 – 307) 1. Activity 1* 2. Activity 2* Notes ANS KEY CW: Lesson 1 Assignment (Pg. 315 – 316)	Systems of Equations and Inequalities Lesson 2.3.1 (Pg. 308–313) 1. Activity 3* Notes ANS KEY Solving Systems by Graphing Delta due by 7:30 am Monday! Extra Practice and ANS KEY	Systems of Equations and Inequalities Lesson 2.3.1 (Pg. 314) 1. Talk the Talk* Solving Systems by Graphing Delta due by 7:30 am Monday! Extra Practice and ANS KEY

HW: Carnegie Pre-Test (due @ 7:30am Wednesday)		**Forum Schedule**	Extra Practice and ANS KEY	<i>Last Day of 1st Quarter!</i>
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