

Mrs. Sharon Brady
Mathematics Department, PRHS
sbrady@lewispalmer.org
719.867.8600



Palmer Ridge High School
Fall 2019

Algebra IA
Classroom: A1122
Office: Neighborhood A
Available: 705 am every morning;
After school until 330

Instructors: Sharon Brady, Stephanie Caffrey, Anne Johnson

Course Content: (not necessarily in this order)

| | |
|---|--|
| Linear and Nonlinear Functions | Solving Linear Equations and Inequalities |
| Graphs of Linear Equations and Inequalities | Systems of Linear Equations and Inequalities |
| Quadratic Functions | Factoring |
| Exponential Rules | Polynomials |
| Statistics (as time allows) | |

Materials: Each day please bring the following items to class:

- Algebra I textbook – please cover and protect
- Pencil, Eraser, Highlighter, Colored Pen for grading
- 3-ring binder 1" or 1 ½" (for Class Notes, Handouts, and Assignments)
- **Scientific calculator REQUIRED** (TI-30 or equivalent)
 - NO Cell Phones!!
- Box of Kleenex ☺ – *much appreciated!*
- Good Attitude and Open Mind

Website: <https://lewispalmer.instructure.com> CANVAS Need to login using your school login

Grading: Coursework: 80% of Final grade
Assessments (Tests/quizzes, projects) (75%)
Classwork/homework (25%)

Common Course Assessments: 20% of final grade
Midterm (40%)
Final Exam (60%)

Homework: Daily practice is vital to your success in Algebra I. Assignments must be completed on a regular basis to keep up with the material being presented in class. An assignment sheet will be provided for each chapter, and posted on the class webpage. Assignments are always due at the **beginning of the following class period.**

Homework Format:

Copy original problem (including figures)
Show supporting work
Box, circle, or highlight the answer
All graphs on graph paper

MUST SHOW WORK TO RECEIVE CREDIT!!!

Proper HEADING in upper right corner:
Name (first and last)
Period #
Assignment #
Page number & problems assigned

- All assignments must be completed in **pencil**. No exceptions.
- Work must be shown to support answers.
- Please **CHECK YOUR ANSWERS!** The odd problems are in the back of the book.
- Homework will be graded for completion and/or accuracy on a 4-point scale (see grading rubric).

~ You **MUST** practice math every day in order to be successful, just like you must practice an instrument, sport, or any other activity every day in order to be successful! ~

Late Assignments and Make-up Work:

Please refer to the Mathematics Department Policies letter posted on our website.

- Late work is given 50% of the earned points. Late homework assignments can be submitted up to the day of the chapter test.
- When turning in make-up work, staple a completed "Absent/Late" slip (z slip) to the top of your paper, and place in the makeup box. Assignments turned in during or after class are considered late.
- Makeup work for assignments from excused absence is due in two class periods. For example, if you are absent on Monday, you must turn in the work that was due on Monday by Wednesday (assigned the previous week), and the work that was assigned on Monday by Friday. Assignments turned in after I have collected it during/after class or outside of the makeup window are considered late.
- **NO CREDIT** will be given for unexcused absences.

If you miss class **YOU** are responsible for all makeup work. Check:

- Website for notes and videos
- Assignment sheet for missed assignments
- make-up work folder for in-class worksheets
- **If you are absent only for a test review (generally, the day before tests), you are still required to take the test on the scheduled test day.** Reviews/keys are posted online.

Warmups:

At the start of each class, there will be a warmup exercise. These are graded as classwork. Warmup problems will relate to the previous night's homework/notes or skills needed for that day's lesson and are open-book, open-note, and open-classmate.

Assessments (Quizzes, Quests, Tests):

Please refer to the Mathematics Department Policies letter (be sure to **note timeline for making up tests**). Test and quiz dates are listed on the chapter assignment sheet and posted on my webpage.

If you are absent for a test or quiz, you will need to take the make-up in the testing center during the day or with me before or after school. Generally, you will have 4 schools days to makeup a test/quiz.

Example: Missed test on Monday, makeup us due by Friday. Sorry, there is no retaking of a test, quest or quiz. ☹

Mid Term and Final Exam: There will be a midterm and final exam. Both exams will be comprehensive with multiple-choice and free-response questions.

Classroom Expectations: *Please refer to the Mathematics Department Policies letter.*

- **Cell phones** are a huge distraction in the classroom and are not allowed at any time without teacher permission. Cell phones must be placed in the cell phone pocket holder at the front of the classroom for the entire class period.
- Respect (Yourself, Others, and your surroundings)
- Be on Time and prepared
- Do Your own work!!!

Extra Help:

Often a math problem can be cleared up by only a few minutes of consultation. If you have questions on the material we are covering, please see me **as soon as possible!** I am available for extra help after school.

~ Math should be alive and energetic.

Participating is the step towards mastery of concepts, skill, and processes while constructing and understanding. ~

DUE by Tuesday, August 27th

- Signed Algebra I/Math Department Policies Letter Acknowledgement Page
- Student Autobiography

ACKNOWLEDGEMENT

Student Name: _____ Class Period _____

Parent/Guardian: Please let me know how you would prefer to be contacted, if necessary.

I would prefer to be contacted by email. My email address is:

I would prefer to be contacted by phone. My phone number is:

We have fully read and understand the attached Algebra I course letter **AND** Math Department Policies letter located on the webpage. We understand that Mrs. Brady updates and posts grades weekly on Infinite Campus so that I may monitor my student's grade. Check webpage for announcements, assignments, and test dates.

Parents, please initial the following to confirm:

_____ I will not text my child during class and expect a response.

_____ My child & I have discussed when it is appropriate to use their cell phone. We understand the classroom cell phone policy. (Please call the main office if there is a family emergency, and they will immediately call the classroom.)

_____ I understand it is my child's responsibility to get help/support *before* homework assignments are due. While some questions can be answered at the beginning of class, students who need significant help on an assignment have a number of options available, including:

- *Come immediately after school to get help from Mrs. Brady*
- *Attend Homework Club (Tuesday and Thursday 3-4pm in room 1212)*
- *Attend free tutoring at the Monument library on Mondays from 3:30 – 7:00 PM*
- *Request a NHS peer tutor to help during study hall (can be set up by contacting a counselor)*
- *Read the textbook and find the example in the book that matches the problem you are working on and watch tutorials imbedded in the online textbook*
- *Work with another student taking Algebra I (250 others!)*
- *Seek a private tutor (lists can be found under Departments/Counseling/Academic Supports)*

Parent/Guardian Signature _____ Date _____

Parent/Guardian Name (printed): _____

Student Signature _____ (Tell me about you on the back!)

Comments:

Thank you,
Sharon Brady

p.s. Back-to-School Night is next Tuesday August 27th, 6:00-8:00p.m. I look forward to meeting you! ☺

Algebra1 Homework Scoring Guide

We will spend 10 minutes at the start of class answering questions, if needed, and then homework will be collected. Each assignment is worth 4 points and will be graded according to the Homework Scoring Guide below. Note: Students caught copying homework at any time results in both students receiving a 0.

| Score | Description |
|----------|--|
| 4 | Original problems are written out, all of the assigned problems are complete, and sufficient work is shown on every problem. Any problems explained during class have been corrected, if necessary. The overall homework assignment is neat with few scratch-outs, organized by question number, and is easily readable. Drawings or graphs are included when needed. The assignment number, your name, period, and assignment are at the top of the page. |
| 3 | Most of the assigned problems have been attempted, but some problems are missing an explanation, graph, drawing, or calculation. One or two problems that were answered and explained during class are missing from the assignment or have not been corrected. The overall homework assignment is neat with few scratch-outs, organized by question number, and is easily readable. The assignment number, your name, and period are at the top of the page. |
| 2 | Half of the assigned problems are complete, and work is shown on these problems. Most problems explained by the teacher during class are included with all work shown. Some problems have only answers with no explanations or calculations. The overall homework assignment may be difficult to read or unorganized. The assignment number may be at the top of the page. |
| 1 | One fourth of the assigned problems are complete, and work is shown on these problems. Or, the only problems completed with all calculations shown are those worked out by the teacher during class. The overall homework assignment may be difficult to read or unorganized. The assignment number may be at the top of the page. |
| 0 | No work is shown; only one number answers are given. OR, no homework assignment is turned in. |

Late homework will be accepted up until the date of the test for that material. Afterwards, any missing assignments will permanently become a zero. Late homework is worth half credit, implying that if the homework would have normally been worth a score of 4, it now receives a score of 2.

PARENT LETTER

Student Name: _____ Class Period _____

Dear Parent(s)/ Guardian(s):

In the space below, please write Ms. Brady a short letter sharing any information I need to know about your student to help him/her be more successful in Algebra I. (Seating preferences, vision, hearing, or any other health concerns, learning difficulties and strengths, medical needs, etc.) All information will be kept confidential. ALSO, please share some special qualities about your student and at least one thing that you are especially proud of.

Thanks for your time and interest,
Mrs. Brady

“If a child can’t learn the way we teach, maybe we should teach the way they learn.”

~ Ignacio ‘Nacho’ Estrada ~

STUDENT AUTOBIOGRAPHY

Student Name: _____ **Class Period** _____

Since we will be spending a significant amount of time together in class, I would like to give you an opportunity to tell me about yourself. Please comment on each of the items below.

Your **family** _____

The **last math class** I took was _____

I think my **grade** was _____

The school's name was (location) _____

Share an **experience** you remember from one of your past math classes (Good or Bad) _____

I **learn best** working (in groups or individually) _____

One thing that really helps me **learn math** is _____

Things I **like** a math teacher to do _____

Things I **dislike** a math teacher to do _____

What is your **math goal** for this semester? (Be Specific) _____

Steps you need to take in order to **accomplish your goal**

- _____
- _____
- _____

How can I help/assist you in successfully achieve your goal? _____

Who else can help you be more successful/improve at math? What can they do? _____

What is your **favorite class**? Math ☺

What are some **other "favorites"**? _____

What **technology/multi-media** do you use or are comfortable with? _____

Your **outside** interests, hobbies, sports, work, or special talents _____

When I get out of high school, I think that **I would like to** _____

What you did over the **summer** _____

Tell me one thing that you are **especially proud** of or excited that you did _____

Here are some **other things** about me that I'd like for you to know (optional / private) _____

Looking forward to a great year! ☺

Sincerely,

Mrs. Brady