

Dear Student and Parent:

Welcome to a new year! I will be your/your child's math teacher this year. I am looking forward to working with you and having a great year. Here are a few things that will be happening in the classroom.

CLASS RULES/EXPECTATIONS:

- **Responsibility** - Come on time, come prepared, follow directions, do your work, take your things with you
- **Respect** - The teacher, other students, the classroom, school property, clean air
- **Results** - Do all your work and expect good results

If these rules are not followed, expect **repercussions** for your actions. These rules will be discussed further during the first week of classes.

DISCIPLINE:

Hopefully, there will not be much need for disciplinary action, but I will follow the district's discipline code for any infraction (see student handbook). Continual classroom disruptions will eventually result in contact with the parent along with other necessary disciplinary actions.

GRADING:

Grading will be based on student's points divided by the total possible points.

Point system:

Homework/Homework Quiz	3-8 pts each
Quizzes	10-30 pts each
Chapter Tests	30-60 pts each
Other: notebook quizzes, open-ended questions, projects, etc.	various

Homework, quizzes, and tests each tend to make up about 25-35% of the quarter grade. Grades will be updated every week and may be checked online by parents and students. Grades of "MI" are assignments not turned in, whether from excused absences or not. These are considered zeros until they are turned in, which should be within a few days upon return to school when absent. Blank grades are quizzes or tests that need to be made up or finished. These do not count towards the student's grade until made up but can turn into a zero if not made up.. Grades marked "EX" or "DR" are grades excused or dropped for whatever reason (i.e. lowest homework quiz scores).

When absent, students will be responsible for any material presented in class and on homework assignments - please check the assignment board in the back of the room. They may come to me to set up a time for any extra help needed. The district make-up policy will be followed: Excused absences and any suspensions will result in work being completed in a timely manner. Unexcused absences result in work not being made up and a grade of zero.

Grading Scale: 93-100% - A 85-92% - B 77-84% - C 70-76% - D 0-69% - F

***Please note that to go on to Pre-Calculus, you will be required to get at least an 85% in here and in Geometry.

Otherwise, you will have to take Business Math. What you do this year will affect the following years' classes.

HOMEWORK is given almost every day so expect work to come home on most days. Parents, try to keep track of your child's homework grade from the beginning so that you know they are completing it. Homework may or may not be collected and may instead be graded on homework quizzes. These quizzes will consist of a few problems exactly from or similar to the homework problems. Students will want to check their answers with the back of the book to see that they are answering correctly. If, however, you start to struggle on quizzes/tests (D's and F's), homework may then be collected and graded based on completion. Students are expected to work hard and complete all assignments. Students will not succeed in this class if homework is not completed. Academic detention may be given when assignments are not being completed. This will be assigned until the work is finally made up for, at most, half credit.

Each student has been asked to have a class notebook as this will help serve them during homework and preparation for tests and quizzes. I am able to provide this to some students if needed. We also are strongly encouraging each student to purchase their own calculator as we have not been able to purchase any for the last few years (This is a more urgent request for academic students, those fairly confident they will be attending college. Otherwise, general education students are not urged as strongly to get their own - we will provide them). This would preferably be the TI-83+ or the TI-84+ graphing calculator. I know these are very expensive for most (\approx \$100 new, cheaper on Ebay), but it is an investment as they will be using this calculator in ALL of their math classes here at WHS. These are also the calculators still being used in college classes. Please, if you do buy one, buy the graphing one and not just a simple scientific one. If you cannot purchase a calculator at this time, don't fret because I do have some that they will share in the classroom. These calculators will not be able to come home though. If you do purchase one, I will be able to engrave your child's name on it. This will help if they ever misplace it. Please contact me if you have any questions.

A (rough) general outline for this class is as follows: (approximate by marking period)

1st: Algebra review: patterns, expressions, solving equations/inequalities including absolute value

Functions: relations/functions, direct variation, linear slope intercept, linear models/correlation, transformations
absolute value functions/graphs, two variable inequalities

2nd: Linear Systems: solve systems by graphing/substitution/elimination, solve systems of inequalities, linear
Programming, systems with 3 variables including using matrices

Quadratic Functions: transformations, modeling, factoring quads, solving quads various ways, quadratic systems

3rd: Polynomial Functions: zeros/roots, solving, dividing, Fundamental Theorem of Algebra, Binomial Theorem, models s

Radical Functions: mult/div, binomial, exponents, solving square roots equations, inverse relations, graphing

4th: Exponential/Logarithmic/Rational Functions: properties, graphing, solving

Sequences: arithmetic, geometric basics

Prob/Stats: permutations/combinations, multiple events

I am anticipating a good school year. With everyone's cooperation and support, the year should run smoothly and much will be taken from it. Please read this letter, sign it, cut off the bottom, and return it to me as soon as possible for your first grade. Keep the top part for your own records. Please feel free to contact me at any time to discuss any matters. The number at the school is 832-2125 and my email address is mlingenfelter@williamsburg.k12.pa.us. Thank you for your cooperation.

Sincerely,

Mr. Lingenfelter

(Mr Ling - Alg II)

Student Name

Student Signature

Date

Parent/Guardian Signature

Phone # and/or e-mail where you may be reached

Comments/questions: