

Algebra 1

Mr. Romano

Complete the arithmetic problem you were given.

Show me your answer as soon as you complete it.

If you get it correct, you can choose your seat!!

Without the use of a calculator complete the worksheet

Insert the Decimal

I will record the seating arrangement while you are working.

Insert the Decimal answer key

1) $\underline{7.836} \times \underline{4.92} = 3855312$

$7 \times 4 = 28$ so: 38.55312

2) $\underline{22.736} \times \underline{10.259} = 233249$

$22 \times 10 = 220$ so: 233.249

3) $\underline{534.6} \times \underline{0.545} = 291357$

$534 \times .5 = 267$ so: 291.357

4) $\underline{68.64} \div \underline{4.4} = 156$

$68 \div 4 = 17$ so: 15.6

5) $\underline{0.735} \div \underline{0.7} = 105$

$.7 \div .7 = 1$ so: 1.05

$467 \div 31 \approx 15$ so: 14.925

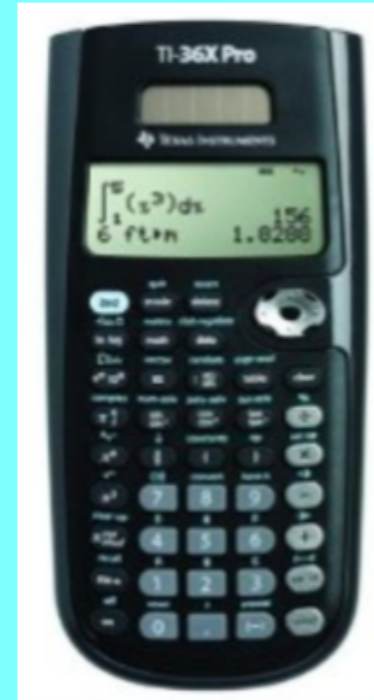
Syllabus

Algebra I Course Description: First in a sequence of four GSE high school courses designed to ensure career and college readiness. The course contains standards which represents a discrete study of algebra with correlated statistics applications.

Prerequisite(s): Successful completion of 8th Grade Mathematics

Calculator: In order to successfully complete this course, all students will need a scientific calculator.

A TI-36X Pro, shown at the right, is the calculator we recommend.



Online Information Website:

www.GeorgiaStandards.Org

<http://www.GeorgiaStandards.Org>

Choose the tab labeled ELA/Math.

Choose Mathematics.

Scroll down to Grades 9-12 and choose Algebra I.

This allows you to view the standards for all

Algebra I units.

Materials:

3-ring Notebook, 6 dividers, pencil,
highlighters, paper and calculator

Grading Procedure:

Algebra I

Daily/Homework 10%

Quizzes 20%

Tests 50%

GA Milestone EOCT 20%

· **Daily/Homework (10%)**: Every assignment must be completed in pencil and all work shown. Assignments will be checked on a daily basis, sometimes for completion and sometimes for accuracy. A maximum grade of a 70 will be given on assignments that do not follow the guidelines given. We will go over the correct answers to every assignment. Students are required to check and correct all problems. At the end of each week, the students will receive a weekly average for homework completion which will count as a daily grade. Other assignments graded for accuracy will count as a daily grade. No late work is accepted.

How is homework graded?

You will be asked to turn in the homework assignment or put it on your desk for it to be graded.

Key: 3 pts - all complete on time 2 pts - not all but more than $\frac{1}{2}$ complete
1 pt - some but less than half completed 0 pts - none completed

Points will be totaled for the week and grade will be calculated based on total possible points.

For example: points earned for week 1: 9 total possible: 12 weekly average:
 $9/12 = 75\%$

· **Group Work:**

Group work is an important component in Algebra I.

Students are expected to stay on task, participate, and contribute to the group task.

Students will receive a grade for each group task or activity.

Part of the grade may be based on accuracy and part on effort, depending on the task.

Points will be deducted if students are off task or being disruptive.

Group work grades will be counted as daily or quiz grades.

This will be specified with each group activity.

Quizzes (20%):

Quizzes may be announced or unannounced.

- **Tests (50%):**

All test papers will remain on file with the teacher.

Students will be given the opportunity to review test papers in class.

Parents can request that a test be taken home but it needs to be returned.

On the final day of class there will be a test.

You can exempt if you meet the exemption criteria in the student handbook.

· **Re-Test Opportunity:**

In an effort to ensure our students master the Georgia Standards of Excellence, the math department will provide opportunities for remediation and retesting to improve their score to a maximum of 75.

After scoring below a 75 on a test, students have the opportunity to retest provided they attend at least 3 remediation sessions offered on Tuesdays 7:00 - 7:45 am in T-4 and 3:45 - 4:45 pm in B-7 and Thursdays 7:00 - 7:45 am in B-2 and 3:45 - 4:45 pm in B-7 or provide evidence of outside remediation such as private tutoring.

Students have one opportunity to retake a test.

All remediation and retests must be completed within a three week window starting the day after a test is handed back.

It is students' responsibility to notify their teacher that they want to retake a test.

- **GA Milestone EOCT (20%):**

Students will be required to take the Milestone for Algebra I.

The Algebra I Milestone dates are at the end of the semester.

This test cannot be exempted.

Final:

There will be a test given at the end of the semester on exam day.

This test may be exempted.

Guidelines for the exam exemption policy are found in the Student Handbook posted on the OCHS website.

Warm Ups:

We will begin class daily with a Warm Up.
They may be collected and may be graded for accuracy.

- **Mini-Checks/Daily Grades:**

Short assessment to check student understanding.

These will be graded for accuracy.

Extra Credit:

There is no extra credit given for this class.

Please use any extra time you have to study and review concepts.

Without the use of a calculator complete the
Math Crossword Puzzle

¹ 4	0	² 3		³ 1		⁴ 5	-1	⁵ 8
1		⁶ 3	0	0		3		0
⁷ 8	0	6		6		⁸ 9	⁹ 4	0
			¹⁰ 1	2	¹¹ 3		2	
¹² 1	¹³ 3	4	4		¹⁴ 1	0	0	0
	0		¹⁵ 8	¹⁶ 1	6			
¹⁷ 4	4	¹⁸ 4		0		¹⁹ 3	7	²⁰ 2
5		0		²¹ 4	0	3		6
²² 6	0	1		0		²³ 3	1	7

Notebooks:

Students are expected to keep an organized notebook for the class.

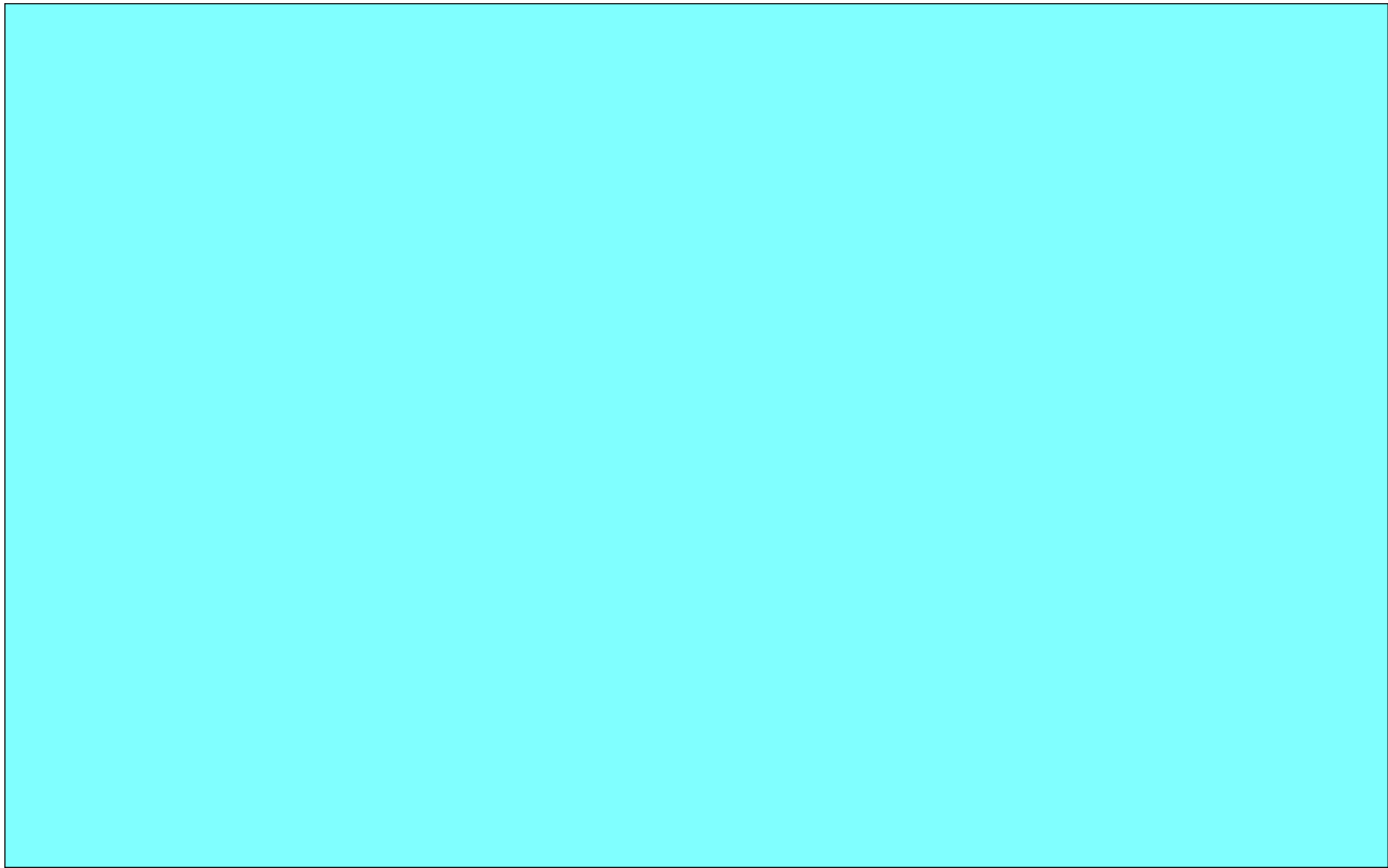
Absences/Make-up work:

It is the students' responsibility to make-up all work following an absence.

Students have 1 day to make-up work for each day they are absent.

Make-up tests will be given during class time on the day the student returns to school.

Students absent for group activities must complete the activity by themselves as make-up work.



Weebly:

Filled in notes, worked out assignments, answers to test reviews, weekly agendas, and other helpful material will be posted to my Weebly page at

<http://mrcromano.weebly.com> .

Students will receive instructions to navigate this website.

It is expected that students will use my Weebly page to obtain make-up work.

Weebly may also be used to obtain study material for quizzes and tests.

Extra Help:

We are available for extra help from 7:45 - 8:10 am, Warrior Period, or 3:30-3:45 pm except for our duty day.

The Math Department offers extra help on Wednesdays from 3:45-4:45 in B-8, no appointment is necessary.

Students are encouraged to come in and ask questions.

If a student has a lot of questions, please make an appointment so we can give you our undivided attention.

Please understand that teachers have meetings and other responsibilities in the mornings and afternoons, so discussing an appointment time with your teacher guarantees he/she will be there.

Discipline Plan:

All school policies and consequences in the student handbook will be followed.

All students are expected to come prepared for class with all necessary materials and conduct themselves in an orderly manner.

Students are expected to be in their assigned seats ready to begin class immediately after the tardy bell.

Any items that distract the teacher or students will be taken from the student.

Show everyone respect, stay focused (no sleeping or laying head on desk) and remain on task.

Only water in a clear container is allowed in the classroom and computer lab.

No food, candy, or gum is allowed in the classroom.

Students are not allowed to leave the room without a hall pass.

Detention will be assigned to students who do not follow the classroom discipline plan.

Cell Phone and Other Electronics Policy:

Electronic devices should be off and out of sight unless otherwise instructed by the teacher.

Cheating:

Any form of cheating will result in a zero.

Contact Information:

Chris Romano

706-769-6655 (ext 3303)

cromano@oconeeschools.org

Without the use of a calculator complete the worksheet

Five Little Problems

Read and understand Problem #1.

Use that problem to help you answer

#'s 2 through 5

Given--Problem #1: Best Buy had 513 computers to sale. Each computer cost \$3,470.
From the sale of these computers, they made \$1,780,110.

$$\$3,470 \times 513 = \$1,780,110$$

Problem #2: As an end of school year activity, the fifth grade at Bear Elementary School decided to take a field trip to the circus. They needed to purchase 347 tickets at a cost of \$5.13 each. How much will they spend to attend the circus?

$$347 \times 5.13 = \underline{\$1,780.11}$$

Given--Problem #1: Best Buy had 513 computers to sale. Each computer cost \$3,470. From the sale of these computers, they made \$1,780,110.

$$\$3,470 \times 513 = \$1,780,110$$

Problem #3: Near Hartford, Connecticut, a ferry boat sails 3,470 times a year and carries 5,130 people. How many people will have road the ferry in a years' time?

$$3470 \times 5130 = \underline{17,801,100}$$

Given--Problem #1: Best Buy had 513 computers to sale. Each computer cost \$3,470. From the sale of these computers, they made \$1,780,110.

$$\$3,470 \times 513 = \$1,780,110$$

Problem #4: Mira needs 51.3 yards of fabric to make a comforter and curtains. The fabric she has chosen costs \$3.47 per yard. What will be her total spending for fabric?

$$51.3 \times 3.47 = \underline{\underline{\$178.01}}$$

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$$\$3,470 \times 513 = \$1,780,110$$

Problem #5: Chef Bobby Flay needed to buy mushrooms to use in a dish for a dinner party. He needed 5.13 kilograms of this particular type of mushroom. One kilogram of this type costs \$34.70. What will his total cost be?

$$5.13 \times 34.70 = \underline{\$178.01}$$

Expectations:

One person talks at a time

Raise your hand to talk

One person out of the room at a time

No Food or Drink except water in this room

No Cell Phones!!

You must have a pass to leave the room and sign out and back in.

Homework:

Complete the Student
Information Sheet

Get it signed by both you and
your parents/guardians

Visit the class website and send
me a message through Weebly,
not through email!!

Complete the Who I Am sheet