

Algebra 1 Syllabus

Room: Math Room #6

Email: jade.larson@k12.nd.us

Office Hours: Before and after school, 2:11-3:01, or by appointment

Class Overview: This class will provide new concepts and methods that are presented in clear language and visuals. Vocabulary and key ideas are highlighted while examples are carefully shown step-by-step for better understanding. Students will receive a wide variety of skill and problem solving exercises to ensure confidence and skill building.

1. Class Objectives

- To communicate mathematical thought
- To develop critical thinking
- Focus on key mathematical concepts, vocabulary, and problem solving skills
- Prepare students for future math classes using direct instruction and hands-on activities

2. Class Materials

- Textbook
- Notebook (MUST HAVE!)
- Folder or Binder
- Calculator (You can buy cheap ones at Walmart or similar stores, doesn't have to be a graphing one)
- Pencil(s)
- Anything else I may have asked you to bring from the previous day including homework

3. Grading

- A: 93% or higher
- B: 85% - 92%
- C: 77% - 84%
- D: 69% - 76%
- F: 68% or lower

****Tests are graded on a 90-80-70... scale. If you receive a 90% on a test, it will go into Power School as a 93%. Homework will be graded on a 5 pt system unless otherwise stated. I am not required to give out bonus points in my class, however, I do give some opportunities throughout the year so take advantage of them! I will not give some student other extra credit opportunities because of the ones I already offer. I will explain the opportunities throughout the school year. I will also allow students to correct up to 5 tests throughout the school year, so do your best on each test and choose wisely.**

****Grades may also be affected by attendance, class conduct, and class participation.**

Remember: If you miss class, it is **YOUR responsibility to get the necessary information and turn in assignments whether excused or not. If you have any questions, please ask during class, office hours, or by email.**

4. Classroom Rules (in addition to the school district rules)

Be Respectful

Towards yourself, your peers, me and other staff members.

Anyone not respectful will be dealt with immediately.

Treat others the way you want to be treated. Always be positive!

Be Responsible

Be prepared, arrive on time, and have all necessary materials.

Being organized is the first step to being successful!

Be Safe

If you believe you will fail, you're right. If you believe you will succeed, you're already half way there!!

5. Classroom Procedures

Attention: Pay attention when others are speaking or while I am running class.

Homework and Tests: Be ready to turn in at the beginning of class. I do except late homework but will lose .5 point each day it is late. Homework is for your benefit to learn the material. Please make sure your name, assignment, and date are written on the top clearly. If you are to miss a test, please make arrangements prior or take within two days. If you feel you could have done better on a test and would like to put in the extra effort outside of class, you may correct your own test in a different colored pen and return it to me the next day. For every complete correction done, you can receive up to half the points back on that particular question. You can do this on up to 4 chapter tests so choose wisely and study!

Class Breaks: Breaks may only be taken right at the beginning of class, or during down time. If you need to go to the bathroom, get a drink, or retrieve something from your locker, you must sign out your planner and take it with you (please leave cell phones if going to bathroom and read cell phone policy in student handbook). Upon arrival, be respectful and remain quiet as you return to your desk.

End of Class: The class is only dismissed once I, someone in my position, or an administrator dismiss' you. The class will not be dismissed until everything is put away in place and everything is cleaned up off the floors.

If you are not willing to practice, don't join the team! I will treat everyone like an adult if you are willing to act like one. I am looking forward to getting to know each of you and having a great year!!

Ch. 1 Homework

Sect1.1 Pg5-7 (1-4all,10-32,38-42evens,48)

Sect1.2 Pg10-12 (1-4all,7,8-22evens,23,24-34evens)

Sect1.3 Pg18-20 (1-4all,6-14even,15-16-28even,29,32,34)

Sect1.4 Pg24-26 (1-4all,6-16even,17-20all,26-36even)

Sect1.5 Pg31-33 (1-16all,*23)

Sect1.6 Pg38-40 (1-4all,6-30even,34-36all,*32)

Sect1.7 Pg44-46 (1-4,7-12,14-18,20,21,23,24all)

Sect1.8 Pg52-54 (1-4,6-18all,*20)

Ch. 2 Homework

Sect2.1 Pg76-78 (1-4all,8-40evens)

Sect2.2 Pg87-89 (1-4all,8-22,28-36,46-50evens,54)

Sect2.3 Pg94-96 (1-4all,8-34even,38,40)

Sect2.4 Pg100-102 (1-4all,8-38even)

Sect2.5 Pg107-109 (1-4all,8-34even,44,46)

Sect2.6 Pg117-119 (1-4all,6-12,18-36evens,42,46)

Sect2.7 Pg123-125 (1-4all,8-24,30-40evens)

Sect2.8 Pg129-131 (1-4all,6-34even)

Ch. 3 Homework

Sect3.1 Pg149-151 (1-4all,6-12even,13-19all,22,24-26all,30,32,34)

Sect3.2 Pg157-159 (1-4all,6-36even,33)

Sect3.3 Pg167-169 (1-4all,10-44even)

Sect3.4 Pg177-179 (1-8all,10-20even,21-26all,34)

Sect3.5 Pg185-187 (1-4all,17,6-26even,30-32all,34-38even)

Sect3.6 Pg194-195 (1-4all,6-16even,20,22-28all,30,32,34)

Sect3.7 Pg203-205 (1-4all,8-30even,34-36all,40,*38)

Ch. 4 Homework

- Sect4.1 Pg226-228 (1-4all,6-34even,40,42)
- Sect4.2 Pg236-238 (1-4all,8-44evens)
- Sect4.3 Pg245-247 (1-4all,8-34even,38,40)
- Sect4.4 Pg254-255 (1-6all,10-12all,18-38even)
- Sect4.5 Pg261-263 (1-4all,6-34even)
- Sect4.6 Pg267-269 (1-18all)
- Sect4.7 Pg278-281 (1-19all,22)

Ch. 5 Homework

- Sect5.1 Pg301-303 (1-4,6-8all,12-28even,27,32,*30)
- Sect5.2 Pg308-310 (1-4all,10-38even,*35)
- Sect5.3 Pg314-316 (1-4all,8-34even,35,38,*36)
- Sect5.4 Pg326-329 (1-4,6-10all,16-34even,38)
- Sect5.5 Pg335-337 (1-4all,8,14-42evens)
- Sect5.6 Pg343-345 (1-4all,10,14-32evens,33,36)
- Sect5.7 Pg351-353 (1-4all,8-22even,34-50evens)

Ch. 6 Homework

- Sect6.1 Pg372-375 (1-4,7-14all,16-24even,28,29,32)
- Sect6.2 Pg381-383 (1-4all,8-34evens,29)
- Sect6.3 Pg389-392 (1-4all,6-34evens)
- Sect6.4 Pg396-399 (1-4all,6-34even,38)
- Sect6.5 Pg406-409 (1-8all,10-30even,34)
- Sect6.6 Pg417-420 (1-10all,14-32evens)

Ch. 7 Homework

- Sect7.1 Pg438 (1-4all,10-26even,36-50even)
- Sect7.2 Pg444 (1-4all,10-26even,34-46even)
- Sect7.3 Pg452 (1-4all,12-34even,42-46even,50)
- Sect7.4 Pg461 (1-6all,10-38even,*36)
- Sect7.5 Pg473 (1-4all,6,10-26even,32-42even)

Ch.8 Homework

- Sect8.1 (1-4all,6-34even,38)
- Sect8.2 (1-4all,8-22even,26-44even)
- Sect8.3 (1-4all,6-28even,32-36even,35,*38)
- Sect8.4 (1-4all,8-32even,40,44,48)
- Sect8.5 (1-4all,8,14-26even,32-46even)
- Sect8.6 (1-6all,14-28even,34-44even,48,52,54)
- Sect8.7 (1-4all,8-32even,38,40,46)
- Sect8.8 (1-4all,8-28even,38-46even,54-60even)

Ch. 9 Homework

Sect9.1 Pg574-576 (1-6all,10-16even,20-30even,34-40even)

Sect9.2 Pg580-581 (1-4all,8-20even,24-40even)

Sect9.3 Pg589 (1-4all,10,14-42even,*48)

Sect9.4 Pg597-598 (1-4all,10-22even,28-36even,42-50even)

Sect9.5 Pg608-609 (1-4,8-16even,22-32even,36-42even,46,*44)

Sect9.6 Pg616-617 (1-4all,6-18even,24-36even,42,44)

Sect9.7 Pg625-626 (1-4all,6-36even)

Sect9.8 Pg632-633 (1-20all)

Sect9.9 Pg641-643 (1-16all)