

2024-2025 Honors Algebra I Summer Assignment

For your book.

- FILL OUT BOOK CARD with your name, the book number, and your primary parent information and leave with the school secretary!!!!
- With a pen put your name inside the book in case it gets lost.

Summer Assignment (Chapters 1-3) includes:

1. Textbook Algebra 1: Expressions, Equations and Applications by Larson
 - Please complete book card (see yellow section above)
 - **Cover your textbook.** Please have it covered at **ALL** times!!!!!!!
2. Organize your Algebra binder. See setup outlined in “**Honors Algebra I Course Overview.**”
3. Completing Chapter 1-3 Homework Problem Set (on back).

Introduction:

Welcome to **Honors Algebra 1**! Here are the directions for the summer assignment. The purpose of this assignment is to get you off to a strong start by reviewing the pre-algebra concepts in Chapters 1-3. Mastery of these pre-algebra concepts and good work habits are the prerequisites for this course.

Please read the directions carefully and contact me by email at pgroves@brunswick.k12.me.us if you have any questions about the assignment or would like clarification about my expectations of the work that you need to show to receive full credit.

Also, see my web site for examples on showing work for the summer assignment at:

www.brunswick.k12.me.us/pgroves/

Due Date:

The summer assignment **must be completed on our first class!** I will not accept any late summer assignments so do not wait until the last minute to work on it. Each student works at a different pace. Some may be able to complete this work in 2-4 hours while others may take 5-8 hours.

Grading of Summer Assignment:

The summer assignment is **graded based on the quality of the work shown to demonstrate that you fully understand the concepts.** You are responsible for checking your own work. I have assigned only ODD problems and this textbook provided the answers to ODD problems in the back of the book. It also has a Section in the back of the book called “WORKED-OUT-SOLUTIONS” to help you.

Pre-Algebra Test:

Your **first test** will be the **SECOND first week of classes** covering these pre-algebra concepts include in this summer assignment.

Students are responsible for **all concepts included in** the following sections in the text book: **1.1-1.4, 2.1-2.7, and 3.1-3.4.** **Email me if you have any questions on any of these topics so we can review in class prior to the Pre-Algebra Test.**

Enjoy Your Summer!
Ms. Groves

Assignment Instructions ...

- Tip for doing your homework... “*Think Quality*”
- See handout “**Sample of How to Show Work on HW**”
- **NO CALCULATORS ALLOWED** on any of these problems.
- For each Section
 - Read the section. **YOU** are responsible for the content in these sections and they will NOT be covered in class. Take personal notes (if you need them).
 - Do the problems listed below.
 - Set up for each Section...
 - Do only the **odd** problems. **Self-correct ODD problems in the back of the book.**
 - Clearly write the section number and either box or circle it.
 - Skip lines between Sections to make it easy for me to check your homework.
- For **every** problem...
 - Write the given problem.
 - For work, show all the steps. Do arithmetic on scrap paper so you do not clutter your homework.
 - Circle final answer

✓ Assignments

CHAPTER 1 (ODD ONLY - ANSWERS IN BACK OF BOOK)

- SECTION 1.1 - PG5 #s **17, 19, 35, 51WP** (UNDERLINED PROBLEMS HAVE WORKED-OUT-SOLUTIONS ON PAGES WS#)
- SECTION 1.2 PG10 #s 7-15, 23-29
- SECTION 1.3 PG18 #s 3-11 (DO NOT NEED TO WRITE PHRASES); 15-21 (DO NOT NEED TO WRITE EXPRESSIONS); 23&25
- SECTION 1.4 PG24 #s 3-11 (DO NOT NEED TO WRITE EQUATION/INEQUALITY); 17, 19, 23-27

CHAPTER 2 (ODD ONLY - ANSWERS IN BACK OF BOOK)

- SECTION 2.1 PG67 #s **7**, 17, 19, **29**, 31, 33, 43-49
- SECTION 2.2 PG77 #s **13**, 17, **35**, 37-41
- SECTION 2.3 PG82 #s **3**, 5, 11, 13, **21**, 23, 33-37
- SECTION 2.4 PG91 #s 9, **11**, 13, 17, **31**, 33-41 (**31-35, YOU DO NOT NEED TO JUSTIFY STEPS**)
- SECTION 2.5 PG99 #s **9**, 11, 13, 19, **23**, THEN 21, 33-39 (**33-39, ALWAYS WRITE THE VARIABLE TERM 1ST**), **51WP**
- SECTION 2.6 PG106 #s **13**, 17-21, **35**, THEN 33, 41, 47
- SECTION 2.7 PG113 #s **9**, THEN 3, 7, 11, 13, **19**, 21, 27, 29, 35-39

CHAPTER 3 (ODD ONLY - ANSWERS IN BACK OF BOOK)

- IN THIS CHAPTER YOU WILL BE SOLVING EQUATIONS:
 - **YOU MUST WRITE THE EQUATION.**
 - **YOU MUST SHOW ALL STEPS CLEARLY!!!!**
 - **YOU MUST SHOW THE CHECK - SHOW THE SUBSTITUTION. SHOW THE NUMBERS CHECK!!!!**
 - **STILL NO CALCULATOR!!!!!!!!!!!!!!!!!!!!**
- SECTION 3.1 PG137 #s **13**, 21, 27, 33, 39-45
- SECTION 3.2 PG 144 #s **13, 19**, THEN 17, 31, **39WP**
- SECTION 3.3 PG150 #s **17**, THEN 11-15 19, 27, **39WP**
- SECTION 3.4 PG157 #s **13**, THEN 11, 21, 23, 25, 37, 39, **51WP**