

Algebraically Speaking...
Chalkdust - Algebra 1
Fall Semester

Homework Assignments:

Chapter 1 - The Real Number System:

_____ Lesson 1.1 - Real Numbers: Order and Absolute Value

View DVD, and read through the teaching section & examples.

Do the following problems: # 1 - 9 Odd, 15,
19 - 23 Odd,
35 - 67 Odd

_____ Lesson 1.2 - Adding and Subtracting Integers

Read through your notes.

Do the following problems: # 1-81 odd
87-91 odd
97-107 odd

_____ Lesson 1.3 - Multiplying and Dividing Integers

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-29 odd,
39-59 odd,
69, 73-83 odd,
87, 91, 93, 103, 109, 111, 113

_____ Take Chapter 1 Mid-Ch Quiz (in BOOK).

Remember to Double-check your work before turning your Quiz in.

_____ Lesson 1.4 - Operations with Rational Numbers

View DVD, and read through the teaching section & examples.

Do the following problems: # 15, 19, 23, 25, 29, 35, 39, 45, 49,
51, 57, 61, 65, 67, 69, 73, 75, 81, 83,
87, 89, 91, 95, 97, 99, 101, 103, 107,
113-119 odd, 123-133 odd, 137, 141, 145,
147, 151, 153, 157, 159, 161,

_____ Lesson 1.5 - Exponents, Order of Operations, and Properties of
Real Numbers

View DVD, and read through the teaching section & examples.

Do the following problems: # 21, 23, 25, 26, 33, 35, 37, 41,
45-59 odd, 63,
71-119 odd,
125-133 odd

_____ Chapter 1 Review Exercises

Do the following problems: # 3, 7, 9, 11, 13, 17, 19, 21, 23, 27, 31,
33, 35, 37, 39, 43, 45-53 odd, 55,
59-71 odd, 73-83 odd, 87-97 odd, 99,
101-111 odd, 117-129 odd, 135, 139, 141,
143, 147-157 odd, 163, 167-173 odd,
177-213 odd, 217-228, 229

_____ Take Chapter 1 Test in **BOOK for Practice**

_____ Take Chapter 1 Test (sent to parents' email)

Remember to Double-check your answers before turning in your test.

Chapter 2 - Fundamentals of Algebra:

_____ Lesson 2.1 - Writing & Evaluating Algebraic Expressions

View DVD, and read through the teaching section & examples.

Do the following problems: # 3, 9, 13, 17-33odd, 37, 38, 41, 45-61odd,
#67-77odd, 81-93odd,

_____ Lesson 2.2 - Simplifying Algebraic Expressions:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-37odd, 41-49odd, 55, 57,
#61-67odd, 71, 77-81odd, 85, 89,
#91, 107, 111, 113, 17, 123, 127,
#131-137odd, 145-151odd

_____ Take Chapter 2 Mid-Ch Quiz (in BOOK).

Remember to Double-check your work before turning your Quiz in.

_____ Lesson 2.3 - Algebra and Problem Solving:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-6 all,
#7-59 odd,
#65, 69, 71, 75, 77, 79

_____ Lesson 2.4 - Introduction to Equations:

View DVD, and read through the teaching section & examples.

Do the following problems: #1, 5, 9-17odd, 21, 23,
27-79odd

_____ Chapter 2 Review Exercises

Do the following problems: # 10, 11, 15, 16, 17, 19, 22, 23,
#27-36all, 39, 41, 43, 47, 53, 57,
#59, 65, 67, 77, 78, 81, 84, 86,
#91, 92, 98, 101, 103, 104, 106,
#110, 115, 123, 126, 127,

_____ Take Chapter 2 Test in BOOK for Practice

_____ Take Chapter 2 Test (sent to parents' email)

Remember to Double-check your answers before turning in your test.

Chapter 3 - Linear Equations and Problem Solving:

_____ Lesson 3.1 - Solving Linear Equations:

View DVD, and read through the teaching section & examples.

Do the following problems: # 9, 11, 17, 19, 31, 35, 39, 47, 49
55, 57, 61, 63, 65, 67, 69
73-85 odd

_____ Lesson 3.2 - Equations That Reduce to Linear Form:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1, 7, 11, 15, 17, 18, 25, 27, 29
31, 37, 41, 45, 47, 49, 55, 57,
65, 75, 77, 81, 83, 85, 87

_____ Lesson 3.3 - Problem Solving with Percents:

View DVD, and read through the teaching section & examples.

Do the following problems: # 3, 5, 7, 13, 15, 19, 21, 23, 25, 27,
31-41 odd, 47-83 odd,
86, 87-97 odd

_____ Take Chapter 3 Mid-Ch Quiz (in BOOK).

Remember to Double-check your work before turning your Quiz in.

_____ Lesson 3.4 - Ratios and Proportions:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1, 5, 9, 11, 13, 17, 19, 21, 23, 27,
31-41 odd, 45, 49, 53, 55,
57-89 odd

_____ Lesson 3.5 - Geometric and Scientific Applications:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-70 odd

_____ Lesson 3.6 - Linear Inequalities:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-9 odd
10, 11-85 odd

_____ Chapter 3 Review Exercises

Do the following problems: # 5, 17, 19, 22, 23, 25, 27, 29,
33, 37, 39, 41, 43,
47-61 odd, 65, 67, 73-77 odd,
83, 85, 94, 95, 97, 101,
115, 117, 119, 123

_____ Take Chapter 3 Test in **BOOK for Practice**

_____ Take Chapter 3 Test (sent to parents' email)

Remember to Double-check your answers before turning in your test.

_____ Complete Cumulative Test (Ch 1-3) in Book

- Test maybe taken OPEN BOOK
- This will count as a test grade.

Chapter 4 - Equations and Inequalities in Two Variables:

_____ Lesson 4.1 - Ordered Pairs and Graphs:

View DVD, and read through the teaching section & examples.

Do the following problems: # 3, 5, 9-49 odd
53-57 odd, 61-69 odd,
73, 75, 79

_____ Lesson 4.2 - Graphs of Equations in Two Variables:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-8 all,
9-69 odd

***** Please use graph paper for your graphs *****

_____ Lesson 4.3 - Slope and Graphs of Linear Equations:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-8 all, 9, 11, 13, 17, 19, 21, 25,
27, 29, 35, 37, 41, 43, 45, 47,
49, 51, 53, 57, 59, 61, 65, 71,
73, 75, 77, 79, 80, 81, 83, 84,
85, 87, 89, 93

***** Please use graph paper for your graphs *****

_____ Take Chapter 4 Mid-Ch Quiz (in BOOK).

Remember to Double-check your work before turning your Quiz in.

_____ Lesson 4.4 - Equations of Lines:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-45 odd,
47, 51, 55, 57, 59, 63, 67,
71, 73, 75, 77, 79, 81, 83, 85,
87, 89, 91, 92, 93, 95,
97, 103, 107

***** Please use graph paper for your graphs *****

_____ Lesson 4.5 - Graphs of Linear Inequalities:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-11 odd,
13-20 all,
21 - 55 odd

***** Please use graph paper for your graphs *****

_____ Chapter 4 Review Exercises

Do the following problems: # 1-27 odd,
31-53 odd,
57-60 all,
61-71 odd,
75-111 odd,
113, 115 all,
117-127 odd,
129-132 all

_____ Take Chapter 4 Test in **BOOK for Practice**

_____ Take Chapter 4 Test (sent to parents' email)

Remember to Double-check your answers before turning in your test.

Chapter Exponents and Polynomials:

_____ Lesson 5.1 - Negative Exponents and Scientific Notation:

View DVD, and read through the teaching section & examples.

Do the following problems: # 5, 9, 13, 17, 21, 25, 27, 29, 33, 37,
43, 47, 51, 53, 57, 59, 63, 67, 71,
75, 79, 81, 85, 89, 93, 95, 97, 99,
101, 103, 107, 111, 115, 119, 123,
127, 131, 133, 137, 141, 145, 149,
153, 157, 159, 163, 167, 169, 173,
177, 181,

_____ Lesson 5.2 - Adding and Subtracting Polynomials:

View DVD, and read through the teaching section & examples.

Do the following problems: # 1-29 odd,
31-41 odd,
57-65 odd,
81-95 odd,
97-101 odd

_____ Take Chapter 5 Mid-Ch Quiz (in BOOK).

Remember to Double-check your work before turning your Quiz in.

_____ Lesson 5.3 - Multiplying Polynomials: Special Products:

View DVD, and read through the teaching section & examples.

Problems: # 1-66 odd
77-113 odd

_____ Lesson 5.4 - Dividing Polynomials:

View DVD, and read through the teaching section & examples.

Problems: # 1-47 odd
53-67 odd

_____ Chapter 5 Review Exercises

Do the following problems: # 5-12 all
13, 15, 17, 21, 22,
25-33 odd,
35-38 all,
53, 55, 57, 58, 59, 60, 65, 67,
69, 71, 72, 73, 74, 75, 83, 91,
94, 95, 99, 101, 103, 105

_____ Take Chapter 5 Test in BOOK for Practice

_____ Take Chapter 5 Test (sent to parents' email)

Remember to Double-check your answers before turning in your test.