

Eighth Grade Math Overview

Math: Algebra 1/2

First Semester

Graphs
Decimals
Percentages
Measuring length, area, and volume
Algebraic equations
Rate word problems
Scientific notation

Second Semester

Ratios and proportions
Graphing inequalities
Negative coefficients
Estimating roots
Angles and triangles
Negative exponents
Permutations

Algebra $\frac{1}{2}$

An Incremental Development

Third Edition

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Algebra $\frac{1}{2}$ Syllabus

Textbook

Algebra $\frac{1}{2}$: An Incremental Development (Saxon, 3rd Edition)

Materials

Homeschool Packet: Practice tests (formerly called Form A tests), answers to problem sets and practice tests

Schedule of Assignments

As an independent study student, you can complete this course at your own pace. Some students benefit from doing every single problem in the problem sets while others prefer to do all the even numbered problems, and then go back and do the odd numbered problems for skills that need extra practice. By checking your answers after each problem set, you can gauge how well you are grasping the material and adjust your work load accordingly.

There is a proposed schedule of assignments on the back that will help you move through the course in 31 weeks. Feel free to adjust this schedule to suit your needs and learning style.

We wish you a challenging and successful year of Algebra $\frac{1}{2}$!

Algebra $\frac{1}{2}$ Assignment Sheet

Lesson	Problem Sets	Tests
1	1–4	1
2	5–8	2
3	9–12	3
4	13–16	4
5	17–20	5
6	21–24	6
7	25–28	7
8	29–32	8
9	33–36	9
10	37–40	10
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21	81–84	21
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23	89–92	23
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25	97–100	25
26	101–104	26
27	105–108	27
28	109–112	28
29	113–116	29
30	117–120	30
31	121–123	31