

Algebra 1A Topics

Unit 1A

- 2-1 Solving one-step equations
- 2-2 Solving two-step equations
- 2-3 Solving multi-step equations with fractions
- 2-4 Equations with variables on both sides & literals

Unit 1B

- 2-6/2-7 Ratios and proportions
- 2-4/2-5 Equations & problem solving (literals, consecutive integer, perimeter)
- 3-7 Absolute value equations

Unit 1C

- 3-1 Inequalities and their graphs
- 3-2 Solving one-step inequalities using addition and subtraction
- 3-3 Solving one-step inequalities using multiplication and division
- 3-4 Solving multi-step inequalities
- 3-6 Compound inequalities
- 3-7 Absolute value inequalities

Unit 2 (if time allows, after Unit 6)

- 12-3 Dot/Line Plots
- 12-4 Box & Whisker Plots
- 12-2 Histograms
- Pg. 760 Two-way tables

Unit 3 (if time allows, after Unit 6)

- 12-7 Probability of simple events
- 12-7 Counting Outcomes
- 12-6 Permutations
- 12-6 Combinations
- 12-8 Probability of compound events
- 12-7 Experimental probability

Unit 4

4-6 Introducing Functions

4-1 Relating graphs to events

4-6 Relations and functions

4-2/4-3/4-4 Function rules, tables and graphs

4-5 Writing a function rule

5-2 Direct variation

11-6 Indirect variation

Unit 5

5-7 Scatter plots and equations of lines

5-1 Slope and rate of change

5-3 Slope-intercept form

5-7 Applying linear functions

5-6 Parallel and perpendicular lines

5-7 Linear regression

Unit 6

6-1 Solving systems by graphing

6-2 Solving systems using substitution

6-3 Solving systems using elimination

6-4 Applications of linear systems

6-5 Linear inequalities

6-6 Systems of linear inequalities