

How do I study for AA2 midterm?

Suggestion:

1. Complete the extra practice problems, starting on p.1010, for the chapters/sections covered. Make a schedule and stick to it: cramming at the last minute does not work very well!

2. Check your odd answers with the answers in the back of the book. The answers start on SA44. If you missed more than 15% (less than 85% correct) of the problems, you should go back to that particular section in the textbook and read through the "teaching" part of the section. You can also refer back to class notes, handouts or use other resources (classzone.com, family members, friends, chapter tests, etc.)

3. Rework the problems that you missed and check them again with the back of the book.

4. Write down any key terms, definitions, formulas, and examples on a separate sheet that you feel you might want to add to your notecard later. Study them!

5. Create your note card the day before your final – as a refresher. You may find you don't need everything on the sheet from #4 that you wrote down.

6. You may want to go to random sections and try some of the odd story problems as practice.

Want even more practice problems? Visit classzone.com and try the practice quizzes and tests!

Ch. 1 Equations and Inequalities

- 1.2 Apply Properties of Real Numbers _____
- 1.3 Evaluate and Simplify Algebraic Expressions _____
- 1.4 Rewrite Formulas and Equations _____
- 1.5 Use Problem Solving Strategies and Models _____
- 1.6 Solve Linear Inequalities _____
- 1.7 Solve Absolute Value Equations/Inequalities _____

Ch. 2 Linear Equations and Functions

- 2.1 Represent Relations and Functions _____
- 2.2 Find Slope and Rate of Change _____
- 2.3 Graph Equations of Lines _____
- 2.4 Write Equations of Lines _____
- 2.5 Model Direct Variation _____
- 2.6 Draw Scatter Plots and Best-Fitting Lines _____

Ch.3 Linear Systems and Matrices

- 3.1 Solve Linear Systems by Graphing _____
- 3.2 Solve Linear System Algebraically _____
- 3.3 Graph Systems of Linear Inequalities _____
- 3.4 Solve Systems of Linear Equations in Three Var. _____
- 3.5 Perform Basic Matrix Operations _____
- 3.6 Multiply Matrices _____
- 3.8 Use Inverse Matrices to Solve Linear Systems _____

Ch.4 Quadratic Functions and Factoring

- 4.1 Graph Quadratic Functions in Standard form _____
- 4.2 Graph Quadratic Func. in Vertex or Intercept form _____
- 4.3 Solve Q.F. by factoring $a=1$ _____
- 4.4 Solve Q.F. by factoring when $a \neq 1$ _____
- 4.5 Solve Q.F. by finding Square Roots _____
- 4.6 Perform Operations with Complex Numbers _____
- 4.7 Complete the Square _____
- 4.8 Use the Quadratic Formula and Discriminant _____

Ch. 9 Quadratic Relations and Conic Sections

- 9.1 Apply the Distance and Mdpt. Formulas _____
- 9.2 Graph and Write Equations of Parabolas _____
- 9.3 Graph and Write Equations of Circles _____
- 9.4 Graph and Write Equations of Ellipses _____
- 9.5 Graph and Write Equations of Hyperbolas _____
- 9.6 Translate and Classify Conic Sections _____
- 9.7 Solve Quadratic Systems _____

Ch. 10 Counting Methods and Probability

- 10.1 Apply the Counting Principle _____
- 10.2 Use Combinations and the Binomial Theorem _____
- 10.3 Define and Use Probability _____
- 10.4 Find Prob. Of Disjoint and Overlapping Events _____
- 10.5 Find Prob. Of Independent and Dependent _____
- 10.6 Construct and Interpret Binomial Distributions _____

Ch. 11 Data Analysis and Statistics

- 11.1 Measures of Central Tendency and Dispersion _____
- 11.2 Apply Transformation to Data _____
- 11.3 Use Normal Distribution _____
- 11.4 Select and Draw Conclusions _____
- 11.5 Choose Best Model for Variable Data _____

Is this a lot of work and time? YES!! But it will pay off.