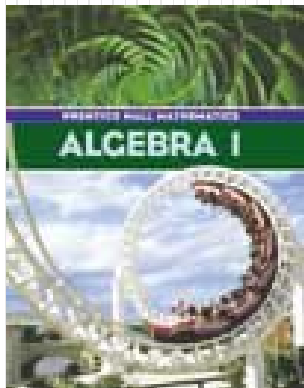
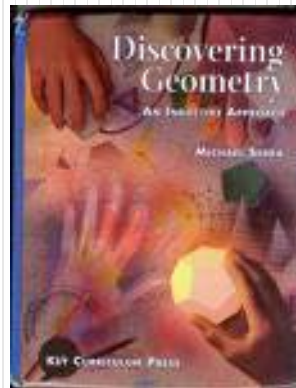


# Mr. Northcutt's Math Classes Class Presentation

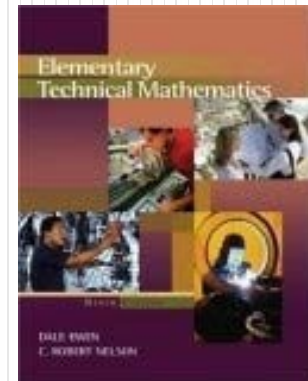
November 24, 2008 (56)



Math 1



Math 2



Applied Math



# Math 1 – Daily Summary

- **Announcements**

- Chapter 4 Test Tomorrow!
- I am available for help (first come, first served):
  - After school today (@4:00)
  - Early morning tomorrow (after 6:30am)

- **Class Objectives**

- Chapter 4 Review
- Verify Sample Test Results using Key
  - Work on whiteboard for problems missed

- **Assignment**

- Chapter Review: 11-39
- Finish Sample Test (if not completed)



# Chapter 4 Review

- **Key Concepts from Chapter 4 (on Test):**

- Solving Equations & Inequalities (from previous chapters)
- Terminology: Ratio, Proportion, Rate, Unit Rate
- Determining Unit Rate
- Solving Proportions (like equations, cross-multiply)
  - With binomials...
  - Similar Figures
  - Scale – Drawings and Maps
  - Percentages (ratio of “part” to “whole”)
  - Word problems for all above...
- Simple Interest ( $I = prt$ )
- Percent of Change (increase or decrease)
- Probability (ratio of “desired” to “all possible” outcomes)



# Math 2 – Daily Summary

- **Announcements**

- Chapter 5 (plus Polynomials) Test Tomorrow!
- I am available for help (first come, first served):
  - After school today (@4:00)
  - Early morning tomorrow (after 6:30am)

- **Class Objectives**

- Chapter 5 Review
- Verify Sample Test Results using Key
  - Work on whiteboard for problems missed

- **Assignment**

- Finish Sample Test (if not completed)



# Chapter 5 Review

- **From Previous Chapters**

- Equations of Lines
- Point of Intersection (systems of equations)
- Polynomials (Degree, Add/Subtract/Multiply/Divide)
- All Previous Geometry Conjectures

- **Key Concepts from Chapter 5 (on Test):**

- Properties of Triangles
  - Sum of Angles, Isosceles Triangles, Equilateral Triangles, Opposite Exterior Angle, Sum of Side Lengths...
  - Triangle Congruence – What does it mean?
  - Congruence Conjectures: SSS, SAS, ASA, AAS (**not SSA or AAA**)
- Flowchart Proofs
  - Statement & Reason, Logical Flow, Format, CPCTC, Congruence...

# Applied Math – Daily Summary



- **Announcements**

- Chapter 6 Test Tomorrow!
- I am available for help (first come, first served):
  - After school today (@4:00)
  - Early morning tomorrow (after 6:30am)

- **Class Objectives**

- Chapter 6 Review
- Verify Sample Test Results using Key
  - Work on whiteboard for problems missed

- **Assignment**

- Finish Sample Test (if not completed)
- **Recommended:** Chapter Review and Test (end of chapter)



# Chapter 6 Review

- **Solving Equations**

- [ALL VARIATIONS](#)...including those with fractional coefficients
- Word Problems – Translating words into equations
  1. Read Problem
  2. Draw Diagram/Picture
  3. Define Variable(s)
  4. Define Equation(s)
  5. Solve and Check (also use “common sense” to verify answer)

- **Working with Formulas**

- Transforming a formula to solve for a variable
- Determining value of a variable given other variable's values