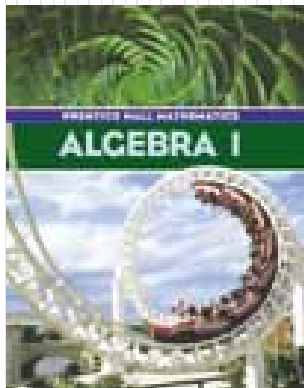
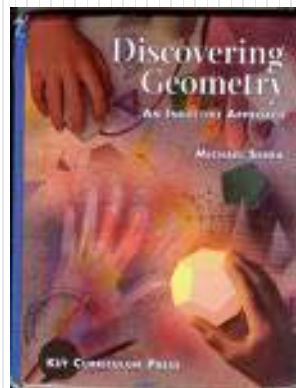


Mr. Northcutt's Math Classes Class Presentation

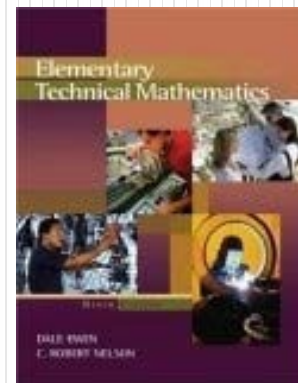
Wednesday, October 1, 2008 (21)



Math 1



Math 2



Applied Math

Math 1 – Daily Summary

- **Announcements**

- None

- **Class Objectives**

- **Test Review**
- Solving Equations
 - The “End Game”
 - Single Step (Add/Sub, Mult/Div)
 - Checking Your Answer!

- **Assignment**

- **Lesson 2-1:** 3-18 (by 3), 21-51 (by 3), 82

Test Review

- **Scoring Summary (Periods 6 and 7 Combines)**
 - Average = **81%**
 - High = **106%**
 - Low = **51%**
- **Areas for Improvement**
 - Careless/Sloppy Work!
 - Negative Numbers (All Operations)
 - Fractions (All Operations)
 - Exponents (What are They)
 - Combining Like Terms
 - Number Sets (Natural \rightarrow Real)

Do You Have a
Question on
Any Problem?

Solving Equations – “The End Game”

- **Here is where we are headed...in Chapter 2.**

$$3r + 3(r + 15) = 225$$

Solving an Equation

- **Solving an Equation means:**

Finding the value (or values) of the variable that makes the equation true.

$$x + 2 = 5$$

$$x - 3 = 2$$

- **CHECK ANSWER by substituting value into the original equation and evaluating.**

Solving Equations – Add/Subtract

- The “=” sign is like a **BALANCED SCALE**

- To keep the scale balanced you must do the same thing to both sides



- We can **ADD/SUBTRACT** numbers from both sides of an equation to solve it (**ISOLATE THE VARIABLE!**)

$$x + 2 = 5$$

Inverse
Operations

- +

$$x - 3 = 2$$

Practice



Check Answers!

- Solve the following equations:

$$x + 5 = 6$$

$$\frac{2}{3} + y = \frac{1}{4}$$

$$18 = -6 + w$$

Practice



- **A mother holds her baby and steps on a scale (to weigh). The scale reads 147 lb. The mother alone weighs 129 lb. How much does the baby weight?**

1. Variable
2. Equation
3. Solve

Solving Equations – Multiply/Divide

- The “=” sign is like a **BALANCED SCALE**

- To keep the scale balanced you must do the same thing to both sides



- We can **MULT/DIVIDE** both sides of an equation to solve it (**ISOLATE THE VARIABLE!**)

$$\frac{n}{6} = 5$$

Inverse
Operations
X ÷

$$12 = 3a$$

Practice



Check Answers!

- Solve the following equations:

$$3a = 18$$

$$20 = -2x$$

$$\frac{x}{-3} = 18$$

Math 2 – Daily Summary

- **Announcements**

- **Chapter 2 Test on Friday** (*Last Score on Midterm Grade*)

- **Class Objectives**

- Visual Problem Solving

- **Assignment**

- **Lesson 2.9:** 1-12, 14-19, 23

Due Friday (Chapter Review – Test Preparation)

- **Lesson 2.10:** 1-26, 28, 32-46, 51, 53, 54 (*Due Friday but I suggest you start sooner so you can ask questions!*)

“A Picture is Worth 1000 Words”

- **Volumes 1 and 2 of a two-volume set of math books sit next to each other on a shelf. They sit in their proper order: Volume 1 on the left of Volume 2. Each front and back cover is $\frac{1}{8}$ inch thick , and the pages portion of each book is 1 inch thick. If a bookworm starts at the first page of Volume 1 and burrows all the way through to the last page of Volume 2. How far will it travel?**

Let's Try Another

- **In Reasonville, streets that begin with a vowel run north-south unless they end with the letter “d”, in which case they run east-west. All other streets run in either direction. Euclid street runs perpendicular to Germain Street. Fermat Street runs parallel to Germain Street. In which direction does Fermat Street run?**

Applied Math – Daily Summary

- **Announcements**

- None

- **Class Objectives**

- **Chapter 1 Test**
- When Finished...
 - HW Check
 - Catch-up or Work Quietly on Computer

- **Assignment**

- No HW