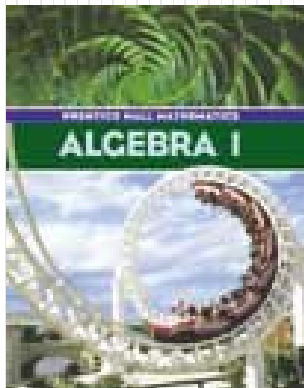
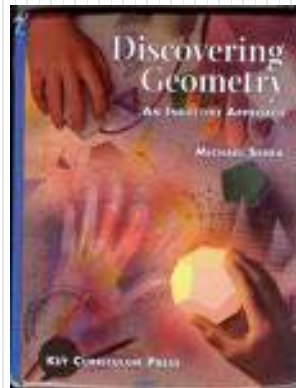


Mr. Northcutt's Math Classes Class Presentation

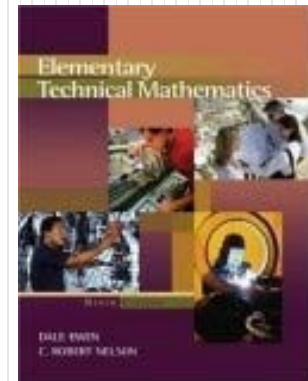
January 16, 2009 (84)



Math 1



Math 2



Applied Math



Math 1 – Daily Summary

- **Announcements**

- Chapter 9 Test on **Monday**
- Next Week: **Semester Final** on Thursday & **Proficiency Test** Friday

- **Class Objectives – *What you should learn today!***

- Chapter 9 Review – Working with Polynomials

- **Assignment**

- **Sample Test**
- **RECOMMENDED: Chapter Review** (p. 503), 1-76 (pick problems from the areas you need to practice).



Naming Polynomials

- **By # of Terms...By Degree**

Polynomial	# of Terms	Name (by # terms)	Degree	Name (by degree)
$3x^2 - 7$				
$-4x^2y^3$				
$x^3 - 3x^2 + x$				
$x^3 - 3s^2x^2$				



Standard Form

- **Two steps:**

- Combine “Like Terms”
- Order terms from highest to lowest degree

$$4x - 3x^2 + 5x^3 - 2x + 1 \quad 5 - 4x - 3x^2y - 2xy$$



Add/Subtract Polynomials

- **Combine “Like Terms” based on operation (+/-)**

$$(3x^2 - 2x + 3) - (2x^2 - 2x - 5)$$



Multiplication of Polynomial

- **Works like multiplication of numbers...**

$$(2x^2 - 3x + 3)(2x - 1) \quad \rightarrow \quad \begin{array}{r} (2x^2 - 3x + 3) \\ \times \quad (2x - 1) \\ \hline \end{array}$$

$$(x + 1)^3 \quad ?$$



Factoring Polynomials

- **Remember: Look for Common Factors 1st!**

$$4x^3 - 2x^2 - 12x$$



Math 2 – Daily Summary

- **Announcements**
 - **Next Week: Semester Final on Wednesday & Proficiency Test Thursday**
- **Class Objectives – *What you should learn today!***
 - Chapter 7 Test
- **Assignment**
 - NO HW



Applied Math – Daily Summary

- **Announcements**

- **Chapter 12 Test on Monday!**
- **Semester Final on Thursday (next week)**

- **Class Objectives – *What you should learn today!***

- Chapter 12 Review
 - Terms & Definitions
 - Angles & Polygons
 - Quadrilaterals, Triangles & Similar Polygons
 - Circles & Radian Measure
 - Prisms & Cylinders

- **Assignment**

- **Chapter 12 Review: 1-31**