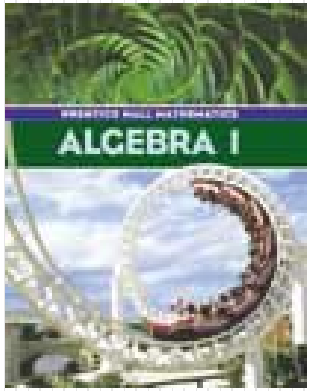
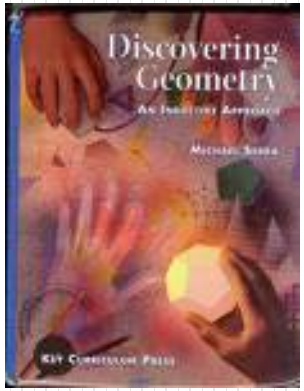
Mr. Northcutt's Math Classes
Class Presentation

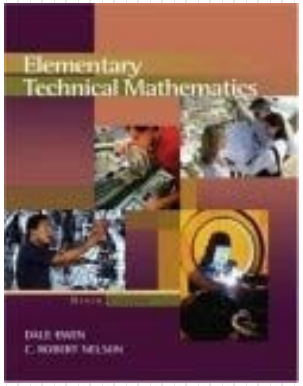
March 4, 2009 (113)



Math 1



Math 2



Applied Math

Math 1 – Daily Summary

- **Announcements**
  - **Quiz on Sections 6.1 thru 6.5 on Friday!**
- **Class Objectives – *What you should learn today*!**
  - Parallel and Perpendicular Lines
- **Assignment**
  - **Section 6-5**: 2-18 EVEN, 42, 43, 46, 47

Equations of Lines (so far…)

Slope-Intercept Form

$$y = mx + b$$

Standard Form

$$Ax + By = C$$

Point-Slope Form

$$y - y_1 = m(x - x_1)$$

Things YOU CAN DO!!!

- **Graph the Line**
- **Transform b/w Forms**
- **From the Equation:**
  - Find Slope
  - Find x- and y-intercepts
    - If Point on the Line
- **Find Equation given:**
  - Graph
  - Slope and y-intercept
  - Slope and a Point
  - Two Points

Parallel & Perpendicular Lines

Parallel Lines

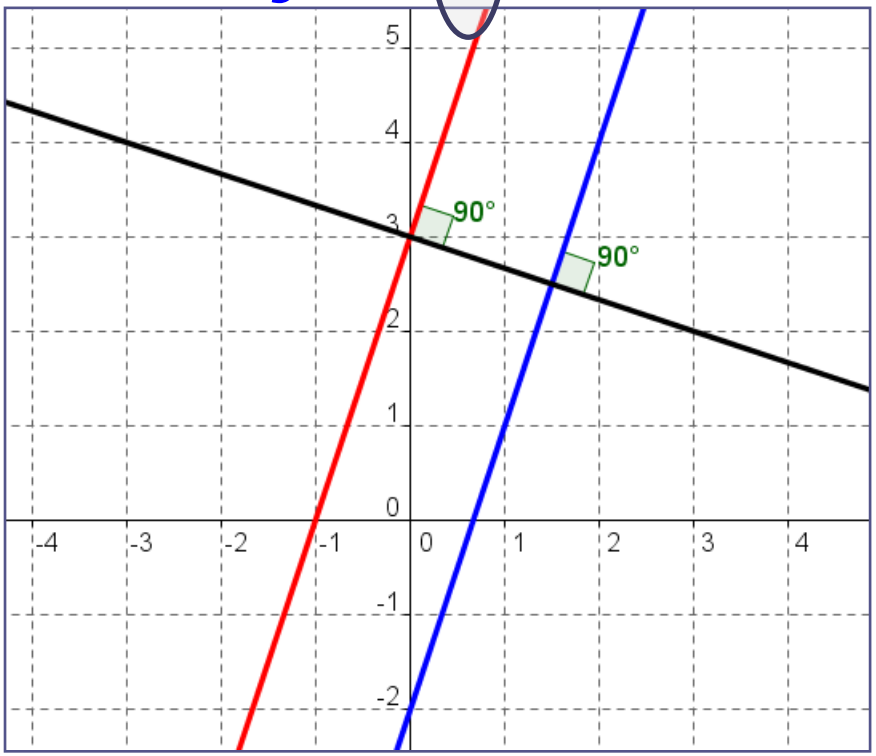
- Same Slope

Perpendicular Lines

- Negative Reciprocals

$y = 3x - 2$

$y = 3x + 3$



$y = -\frac{1}{3}x + 3$

Math 2 – Daily Summary

- **Announcements**
  - **Chapter 10 Test Tomorrow!**
- **Class Objectives – *What you should learn today*!**
  - Review of Chapter 10
    - Pythagorean Theorem (Right Triangles)
    - Special Right Triangles (45-45 and 30-60)
    - Simplifying and Working with Square Roots
  - Sample Test
- **Assignment**
  - **Sample Test** + Chapter Review (recommended)

Applied Math – Daily Summary

- **Announcements**
  - **Chapter 13 Test Tomorrow!**
- **Class Objectives – What you should learn today!**
  - HW Problem Review (as requested)
    - Check Answers on Whiteboard
  - Sample Test
- **Assignment**
  - **Sample Test**