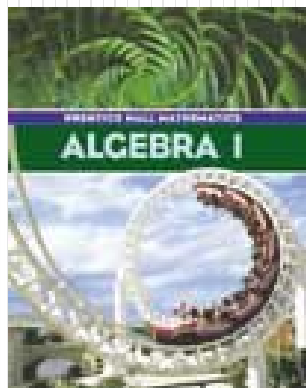
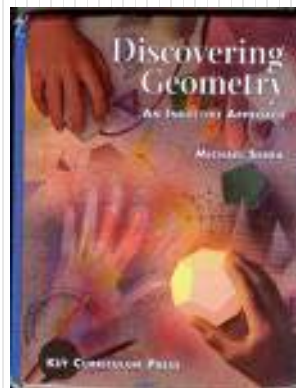


Mr. Northcutt's Math Classes Class Presentation

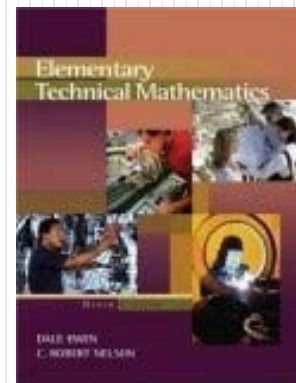
November 3, 2008 (42)



Math 1



Math 2



Applied Math



Math 1 – Daily Summary

- **Announcements**

- **Chapter 3 Test on Wednesday**
- Schedule on Website Updated thru End of November

- **Class Objectives**

- Compound Inequalities

- **Assignment**

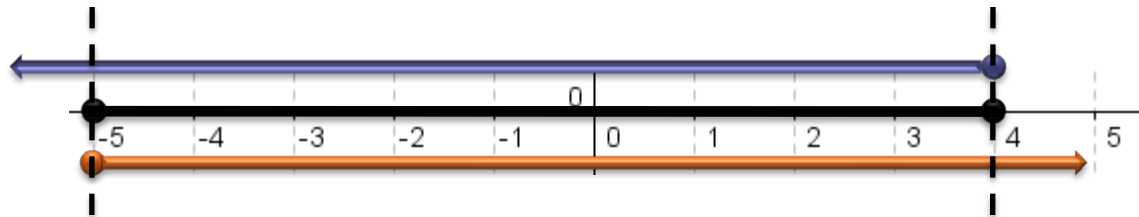
- **Lesson 3-5: 1-33 ODD**



Compound Inequality (AND)

- Two inequalities joined by AND or OR.

Example: $x \geq -5$ AND $x \leq 4$



$$-5 \leq x \leq 4$$

Solving Compound Inequalities (AND)



- **Isolate variable between the inequality signs.**

$$-3 < -2x - 1 < 7$$

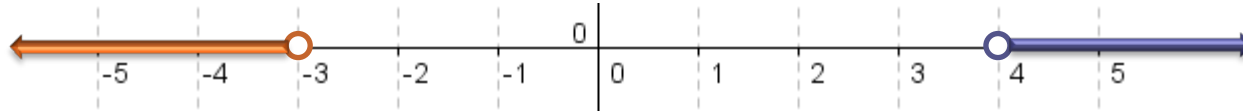


Compound Inequality (OR)

- With OR either inequality can be true and the statement is true.

$$x < -3 \quad \text{OR} \quad x > 4$$

Example:



- For compound inequalities joined by OR, you must solve each inequality separately!

Solving Compound Inequalities (OR)



- **Solve and graph the inequality $4v+3 < -5$ OR $-2v+7 < 1$.**

$$4v + 3 < -5$$

$$-2v + 7 < 1$$





Math 2 – Daily Summary

- **Announcements**

- **Algebra Review Test Tomorrow**
- Schedule on Website Updated thru End of November

- **Class Objectives**

- Review of Linear Equations and Inequalities
- Begin Work on Sample Test

- **Assignment**

- Sample Test (Key Available)

SHOW ALL WORK!
Due Beginning of Class
Tomorrow



Algebra Review – On the Test!

- **Solving Equations**
 - With Integer, Fractional & Decimal Coefficients
- **Solving & Graphing Inequalities**
- **Solving & Graphing Compound Inequalities**
- **Solving & Graphing Equations/Inequalities w/ Abs. Value**
- **Equations of Lines**
 - Slope-Intercept Form & Graphing
 - Finding the Equation of a Line (from slope & point, 2 points)
- **Solving Systems of Equations**
 - Using Graphing, Substitution & Elimination
- **Geometry Problems with Lines**
 - Median, Altitude, Point of Intersection



Applied Math – Daily Summary

- **Announcements**

- Chapter 5 (Polynomials) Test Tomorrow
- Schedule on Website Updated thru Middle of November

- **Class Objectives**

- Review of Polynomials (Add, Subtract, Multiply & Divide)
- Begin Work on Sample Test

- **Assignment**

- Sample Test (Key Available)

SHOW ALL WORK!
Due Beginning of Class
Tomorrow



Polynomials – What's On the Test!

- **Exponents**
 - Definition
- **Operations with Polynomials**
 - Addition
 - Subtraction
 - Multiplication
 - Division
- **Operations with Monomials (short-cuts)**
 - Addition
 - Subtraction
 - Multiplication
 - Division