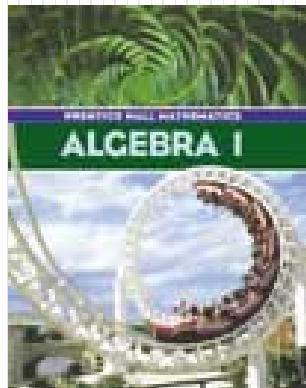


Mr. Northcutt's Math Classes Class Presentation

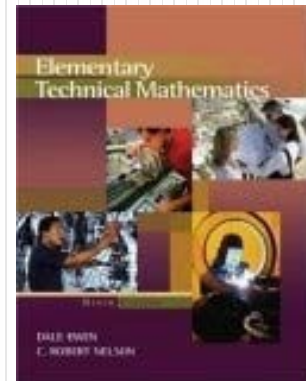
Thursday, October 9, 2008 (27)



Math 1



Math 2



Applied Math

Math 1 – Daily Summary

- **Announcements**

- **NO COMPUTER GAMES...Until 100% Class Success!**

- **Class Objectives**

- Level-Specific Worksheets
 1. Integer Operations
 2. Order of Operations
 3. Equations I
 4. Equations II
- Peer Instruction

- **Assignment**

- Level-Specific Worksheets
- No HW for “Masters”



Quiz Summary

- **Scoring Summary (17 Points Total)**
 - Average = 11.2 (**66%**)
 - High = 16 (**94%**)
 - Low = 4.5 (**26%**)
- **Areas for Development**
 - Add/Subtract (silly mistakes - lack of focus)
 - Add/Subtract (-) Negative Numbers
 - “Losing” the “-” Sign.
 - Order of Operations
 - Exponents...Special Case of -3^2

Period 6

- **Group 1**

- Riley, Jake, Alex, Trae, Tori, Lacy, Sam, Kenzie, Calvin

- **Group 2**

- Evan, Dawson, Joshua, Drew, Jonathan, Calvin, Skyler, Mariah, Jessica

- **Group 3**

- Josh, Cade

- **Group 4**

- Maranda

- **Master**

- None

Period 7

- **Group 1 (Int. Ops.)**
 - Steven, Alyssa, Rochelle, Marcus, Gavin, Aleasah, Jessica, Talia, Myles, Colton, Trey, Dakotah
- **Group 2 (Order of Ops.)**
 - Alex, Ryan, Beth, Austin, Vincent, Clark, Jordynn, Karli, Danny,
- **Group 3 (Equations I)**
 - None
- **Group 4 (Equations II)**
 - None
- **Master**
 - None

Goals and Objectives

- **Class Success: Perfect Score for Everyone in the Class!**
- **Students Support Teaching!**
- **Move to the Next Level When You are Ready...**
 - 100% Correct on Worksheet (all work shown and answers checked)
 - Retest on Current Level – 100% Move to Next Level
- **NO COMPUTER USAGE until EVERYONE IS A MASTER!**

Math 2 – Daily Summary

- **Announcements**

- None

- **Class Objectives**

- Miniature Golf Project
 - By Hand (9 Holes)
 - With Geogebra (3 Holes)

- **Assignment**

- Miniature Golf (Due End of Class Friday)

Miniature Golf

- **Course Design Requirements (Geogebra)**
 - 2 (1) holes – That can be a hole-in-one with one bank
 - 2 holes – That can be a hole-in-one with double bank.
 - 2 (1) holes – That can be a hole-in-one with a triple bank.
 - 2 holes – That can be a hole-in-one with a quadruple bank.
 - 1 (1) hole – That can be a hole-in-one with a bank of five.
- **Scoring Rubric**
 - Reflections are Mathematically/Geometrically Correct (ball bounces correctly)
 - Fulfills the Design Requirements (above)
 - Creativity
 - Quality of Drawings/Artwork
 - Appropriate Use of Class Time

Applied Math – Daily Summary

- **Announcements**

- Chapter 3 (Metric System) Test on Monday

- **Class Objectives**

- Metric Temperature (Celsius, Fahrenheit-to-Celsius)
- HW Check (3.3 & 3.4)

- **Assignment**

- **Lesson 3.6: 1-20 ALL**

Metric Temperature - Celsius

- **kelvin (K)** used for scientific/engineering work
- **Everyday temperature in *degrees Celsius* (°C)**
 - Freezing Point of Water = **0 °C**
 - Boiling Point of Water = **100 °C**

$$C = \frac{5}{9}(F - 32^{\circ})$$

$$F = \frac{9}{5}C + 32^{\circ}$$

At what temperature are the F and C readings the same?