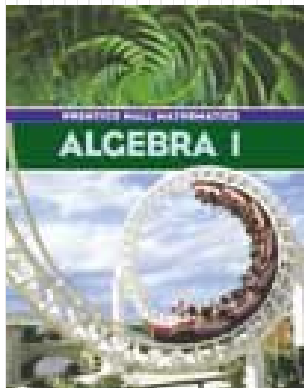
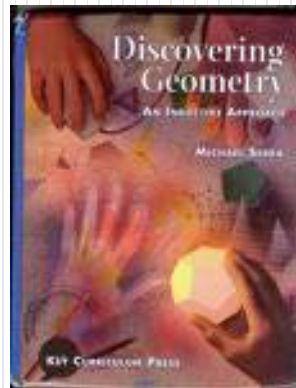


# Mr. Northcutt's Math Classes Class Presentation

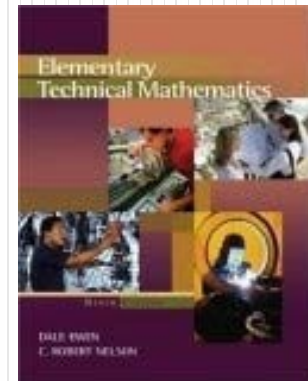
April 20, 2009 (141)



Math 1



Math 2



Applied Math



# Math 1 – Daily Summary

- **Announcements**
  - **TEST: Chapter 7 TOMORROW!**
- **Class Objectives – What you should learn today?**
  - Solving Systems of Equations
    - Graphing, Substitution and Elimination
  - Applications of Systems of Equations
    - Read Problem, Define Variables, Write Equations, Solve & Check!
  - Systems of Inequalities
- **Assignment**
  - **Worksheet:** Chapter 7 Review



# Math 2 – Daily Summary

- **Announcements**
  - None
- **Class Objectives – What you should learn today?**
  - Scale Drawing Project
- **Assignment**
  - Scale Drawing Project (continue work)
    - Due **NO LATER THAN WEDNESDAY!**



# Applied Math – Daily Summary

- **Announcements**

- Beginning Multi-Week Section on Statistics

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

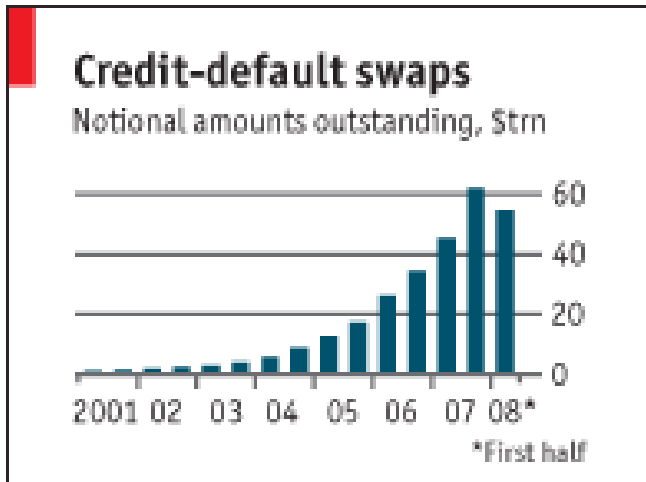
- Statistics: Using Charts and Graphs to Analyze Data
  - Bar Graphs
  - Circle Graphs
  - Line Graphs
  - Other Graphs...

- **Assignment**

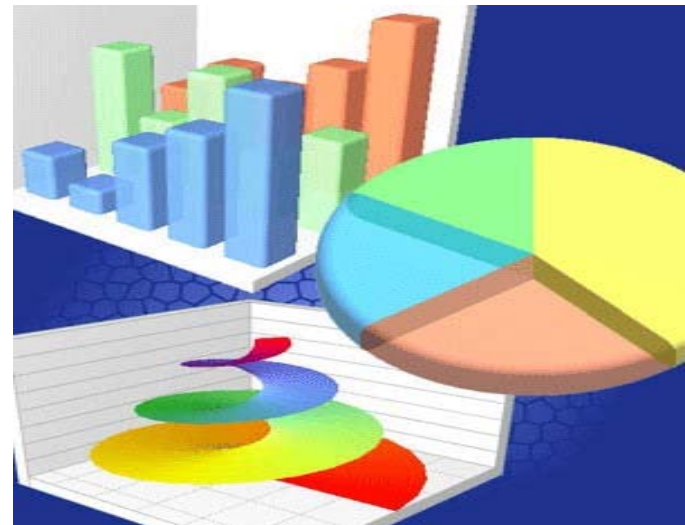
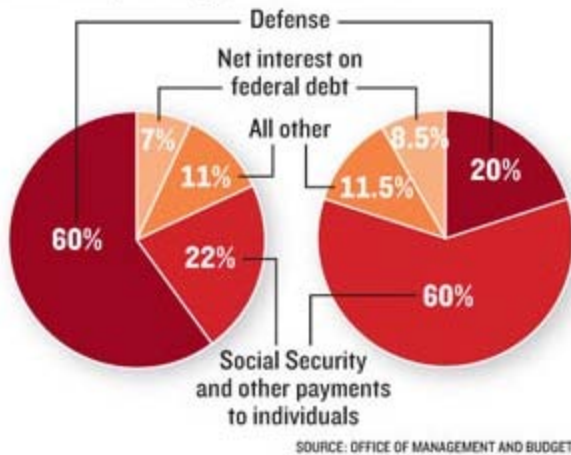
- **Magazine Review:** Identify and describe **5 DIFFERENT** types of charts used in the Magazine - Try to find Bar, Circle, Line and Other Types of graphs.



# Some Chart/Graph Types



### Federal spending, 1956 and 2006





# Magazine Review

- **Your assignment is to identify 10 different charts/graphs used in the magazine.**
- **For each chart/graph document the following:**
  - Magazine Name and Date (only document once)
  - Chart/Graph Title
  - Page #
  - Type (Bar, Circle, Line...)
  - Data Being Compared
  - What does the chart tell you about the data?

# Example



- ***The Economist, November 8-14, 2008***

- **Page:** pg. 14
- **Title:** “Credit-default Swaps”
- **Type:** Bar Graph
- **Data:** Notional Amount Outstanding (\$trn) vs. Time (01-08)
- **Description:** Amount of money invested in credit default swap has grown dramatically from 2001 (virtually no investment) until 2008 (~\$60 trillion invested). There was a slight decrease in investment in the early part of 2008. Exponential growth during the timeframe.
- **Question:** Why the dramatic growth so quickly? Why starting to go down?

