

Mr. Northcutt's Math Classes Class Presentation

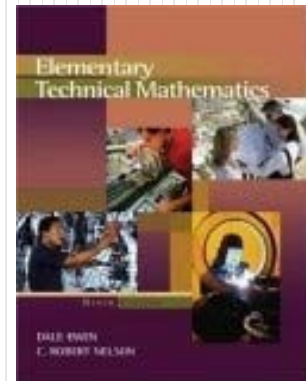
April 14, 2009 (137)



Math 1



Math 2



Applied Math



Math 1 – Daily Summary

- **Announcements**
 - **QUIZ: Sections 7.1 thru 7.7 on THURSDAY!**
- **Class Objectives – What you should learn today?**
 - Feedback from Yesterday
 - Focus on Solid vs. Dashed Lines
 - Shade the Overlapping Region Only (see No Solution)
 - Neat, Organized and Clear - NO SLOPPY WORK!
 - Systems of Linear Inequalities (Harder!)
- **Assignment**
 - **Worksheet: Systems Linear Inequalities II**



Math 2 – Daily Summary

- **Announcements**
 - **Scale Drawing Project - Thursday & Friday - Find Picture!**
- **Class Objectives – What you should learn today?**
 - Review Test Results
 - Ratio & Proportion (Review)
- **Assignment**
 - **Lesson 12.1: 1-16, 18,19**



Ratio

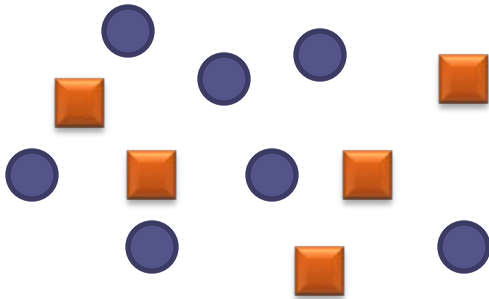
- A **RATIO** compares two quantities by division...the ratio of a to b is written as:

$$\frac{a}{b}$$

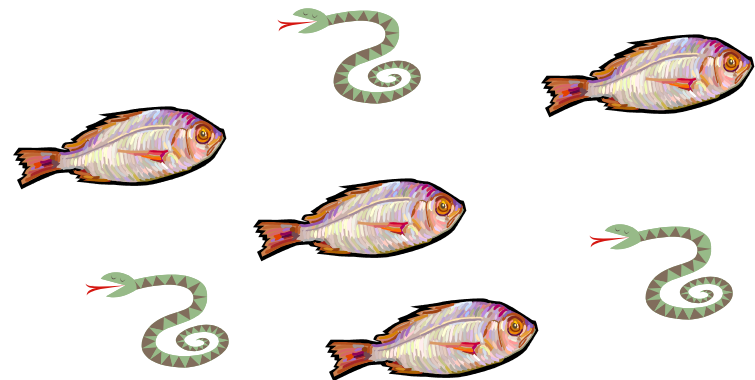
$$a : b$$

$$a \text{ is to } b$$

Find Ratio of Circles to Squares



Find Ratio of Fish to Snakes



Proportion

Remember
Cross-Multiply
Why?



- A **PROPORTION** states that two ratios are equal.

$$\frac{a}{b} \begin{array}{c} \swarrow \searrow \\ \times \\ \swarrow \searrow \end{array} \frac{c}{d} \quad \longrightarrow \quad ad = bc$$

- If you work for 2 weeks and earn \$380, how much will you earn in 15 weeks?

$$\frac{2 \text{ weeks}}{\$380} = \frac{15 \text{ weeks}}{\$x} \quad \longrightarrow$$



Applied Math – Daily Summary

- **Announcements**

- PROJECT Begins on Wednesday

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

- TEST: Chapter 9 (Systems of Equations)

- **Assignment**

- NO HW