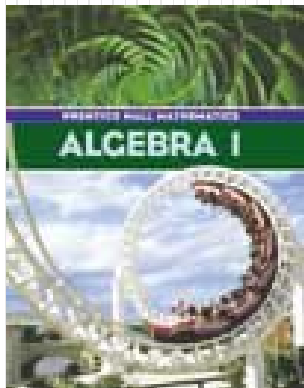
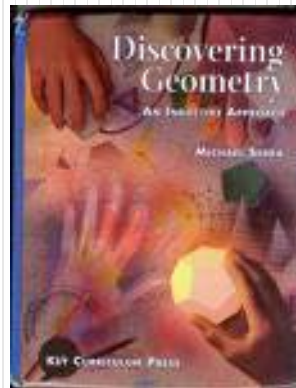


Mr. Northcutt's Math Classes Class Presentation

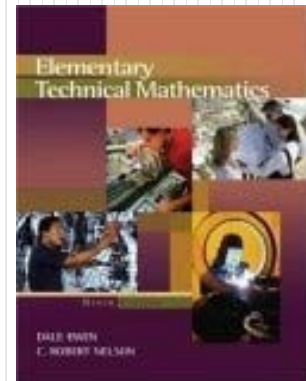
Thursday, September 25, 2008 (17)



Math 1



Math 2



Applied Math

Math 1 – Daily Summary

- **Announcements**

- Substitute Tomorrow – Best Behavior!
- **Chapter 1 Test**: Next Tuesday, 9/30
- **GET WHITEBOARDS!**

- **Class Objectives**

- Distributive Property
 - More...Identifying & Combining Like Terms (Simplification)

- **Assignment**

- **Lesson 1-7**: 75-83 (ODD), 88-94

Review: Distributive Property

- Do you remember how to...remove grouping symbols?

$$2(6.4 - 0.5n)$$

$$\frac{10}{14}d(8 - 10h)$$

Review: “Like Terms”

- Do you remember how to...combine **Like Terms**?

$$8m^2 - 5mz + 4zm - m^2 + 4$$

$$9(5 + t) - 6(t + 3)$$

Math 2 – Daily Summary

- **Announcements**

- Substitute Tomorrow
- Quiz Monday (Lessons 2.1 thru 2.6)

- **Class Objectives**

- HW Review: **Polygons**
- Polygons: **Triangles**

- **Assignment**

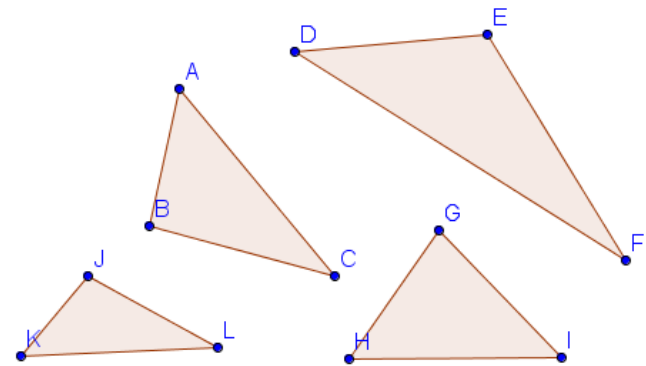
- **Lesson 2.6:** 1-29, 33-36

Challenge: Polygons

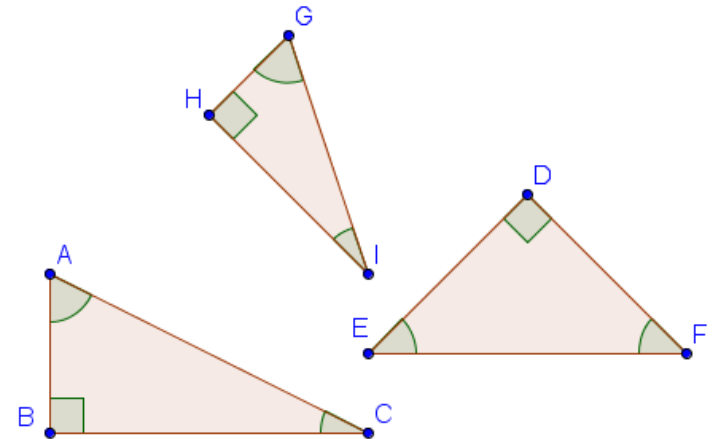
- **How many diagonals does a Polygon have if it has 500 sides?**

Triangle Definitions (1)

- **Triangle:** ...

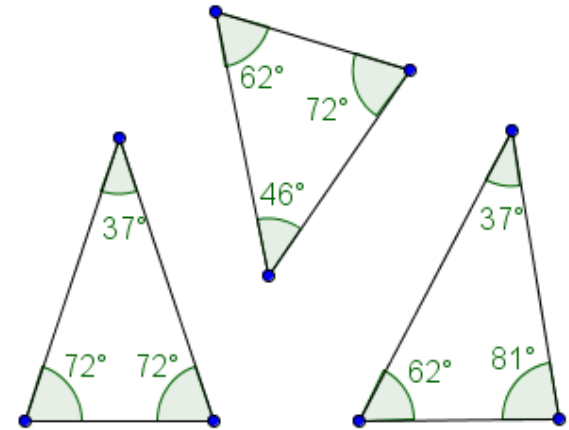


- **Right Triangle:** ...

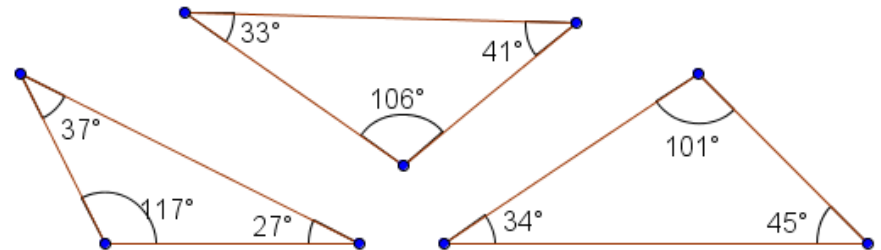


Triangle Definitions (2)

- **Acute Triangle:** ...

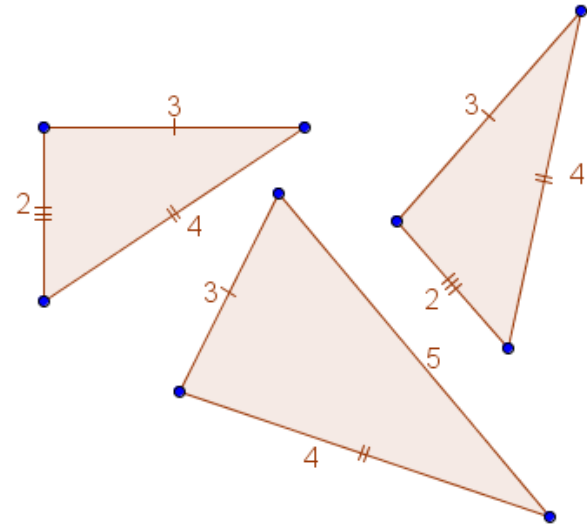


- **Obtuse Triangle:** ...

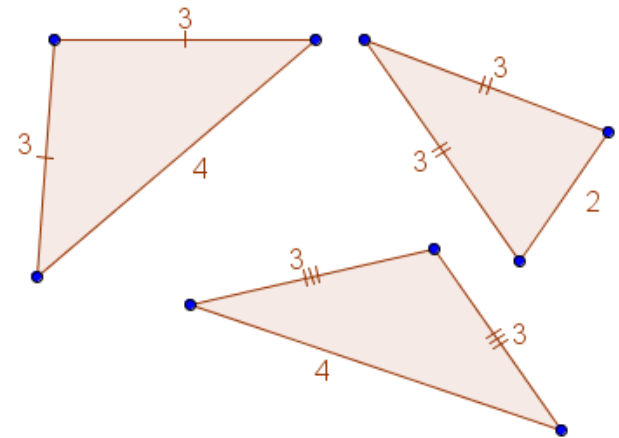


Triangle Definitions (3)

- **Scalene Triangle:** ...

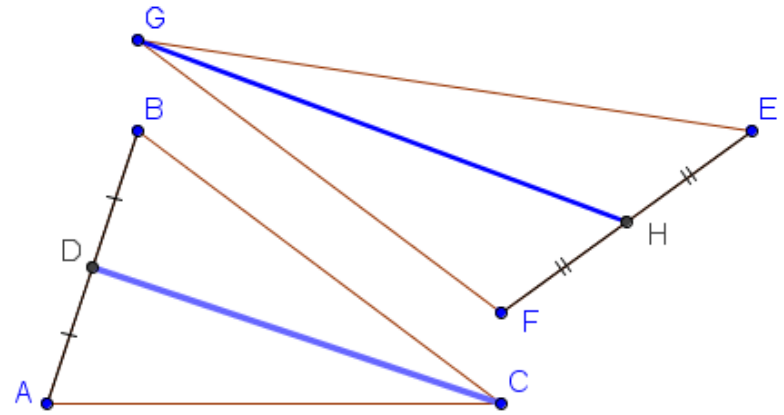


- **Isosceles Triangle:** ...

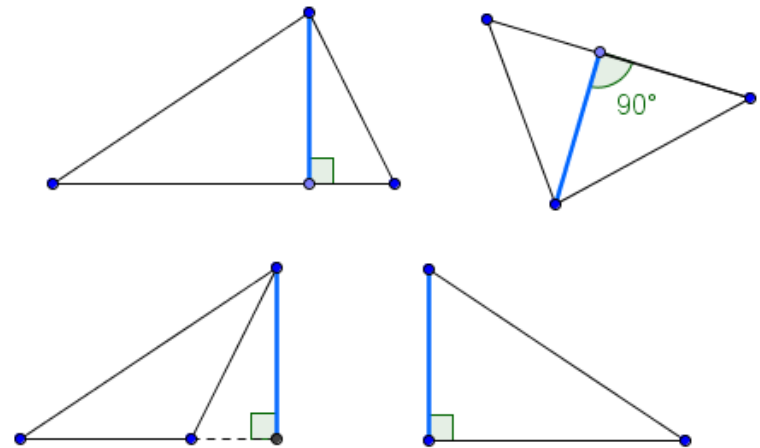


Triangle Definitions (4)

- **Median of a Triangle: ...**



- **Altitude of a Triangle: ...**



“School Solution”

- **Triangle**

- A polygon with exactly 3 sides.

- **Right Triangle**

- A triangle with one right angle.

- **Acute Triangle**

- A triangle with all angles less than 90° .

- **Obtuse Triangle**

- A triangle with one angle greater than 90° .

“School Solution”

- **Scalene Triangle**

- A triangle with no congruent sides.

- **Isosceles Triangle**

- A triangle with two congruent sides.

- **Median of a Triangle**

- A line segment from the vertex of a triangle to the midpoint of the opposite side.

- **Altitude of a Triangle**

- A line segment from the vertex of a triangle perpendicular to the opposite side (or its extension).

Applied Math – Daily Summary

- **Announcements**

- Quiz Tomorrow (Sections 1.1 thru 1.12)
- Substitute on Friday

- **Class Objectives**

- Multiplying and Dividing Decimals

- **Assignment**

- **Lesson 1.12:** 3, 9, 12, 17, 18, 25, 34, 35, 44, 47, 61

HW Review 1.11

- **3:** 3100, 3130
- **6:** 6000, 5970
- **9:** 0.1, 0.057
- **12:** 3.8, 3.765
- ...
- **24:** 203
- **27:** 72
- **30:** 23.23
- **33:** 1.01

Multiplying & Dividing Decimals

$$42.6 \times 1.73$$

$$24.32 \div 6.4$$

Practice

- **A gasoline station is leased for \$1155/month. How much gasoline must be sold each month to make the cost of the lease equal to \$0.035 per gallon?**