

Geometry Honors – Unit 3
Outline & Cover Page

All assignment problems worth one point unless noted. Assignments listed are the minimum expected. If you do not understand the assignment refer to book examples and try other problems similar to the one assigned. Be sure to use your notes while working on assignments.

DATE	IN-CLASS	ASSIGNMENT
10/19/11	<ul style="list-style-type: none"> • <i>Unit 3 Pre-test – Sections 3.1-3.8</i> • <i>Start Working on Vocabulary</i> 	<ul style="list-style-type: none"> • Unit 3 Vocabulary – Will be graded with notebook checks – Vocabulary list on back of this Outline
10/21/11	<p><i>Homecoming Assembly Day</i></p> <ul style="list-style-type: none"> • Hundreds Game 	<ul style="list-style-type: none"> • No Assignment
10/25/11	<p><u>Sections 3.1 & 3.2 – What are the Properties of Polygons?</u></p> <ul style="list-style-type: none"> • Take Notes • Class Discussion 	<ul style="list-style-type: none"> • <u>Section 3.1:</u> Worksheet on Polygon Shapes • <u>Section 3.2:</u> Page 151-153; Problems 1, 2, 5-8 all, 9-42 (“x3” every third problem) 45, 46, & 47. Be sure to show your work when necessary. • Add Three-Story Intellect Questions and Summary to Cornell Notes
10/30/11	<p><u>Section 3.3 – What are Transversal Properties of Parallel Lines?</u></p> <ul style="list-style-type: none"> • Vocabulary Quiz • Take Notes • Class Discussion 	<ul style="list-style-type: none"> • Pages 159-160; Problems 9-33 all, 46-50 even (Bonus: #34, use #35 & other proofs as a guide. 2 points Extra credit) • Read pages 139 & 141 on Reflection and Rotational Symmetry • Add Three-Story Intellect Questions and Summary to Cornell Notes
11/2/11	<p><u>Section 3.4 – How do you Prove Lines Are Parallel?</u></p> <ul style="list-style-type: none"> • Vocabulary Quiz • Take Notes • Class Discussion 	<ul style="list-style-type: none"> • Pages 164-166; Problems 1, 2, 8-15 all, 18-23 all, & 24 -37 all. • Read page 168 “Egg Over Alberta” • Add Three-Story Intellect Questions and Summary to Cornell Notes
11/4/11	<p><u>Sections 3.5 & 3.6 – What are the Sums of Angle Measures in Polygons?</u></p> <ul style="list-style-type: none"> • Notes • Assignment 	<ul style="list-style-type: none"> • <u>Section 3.5:</u> Pages 174-175; Problems 5, 6, 7, 8-24 even, 26-37 all, 41-44 all • <u>Section 3.6:</u> Pages 180-182; Problems 4-8 all, 9-24 multiples of three, 25-36 all. • Add Three-Story Intellect Questions and Summary to Cornell Notes
11/8/11	<ul style="list-style-type: none"> • Quiz Sections 3.1 to 3.4 • <u>Directions for Quarter 2 Project - Tessellations</u> 	Tessellation Project Due: 12/2/11

11/14/11	<u>Section 3.7 – What are Midsegments of Triangles & Trapezoids?</u> <ul style="list-style-type: none"> • Vocabulary Quiz • Take Notes • Class Discussion 	<ul style="list-style-type: none"> • Pages 186-187; Problems 5-22 all, 34-40 all • Read page 190 & 191 for a review of Slope • Add Three-Story Intellect Questions and Summary to Cornell Notes
11/16/11	<u>Section 3.8 – How do you Analyze Polygons with Coordinates?</u> <ul style="list-style-type: none"> • Take Notes • Class Discussion 	<ul style="list-style-type: none"> • Page 194; Problems 13-37 odd, YOU MUST SHOW WORK & CALCULATIONS FOR CREDIT!!!! (Graph Paper Recommended) • Add Three-Story Intellect Questions and Summary to Cornell Notes
11/18/11	<u>Review for Unit 3 Test</u> <ul style="list-style-type: none"> • <i>Vocabulary Quiz – Last Chance in Class!!</i> 	<ul style="list-style-type: none"> • Study for Unit 3 Test • Prepare for Unit 4 Pretest 4.1-4.6 & 4.8
11/22/11	Unit 3 Exam Unit 4 Pre-Test	<ul style="list-style-type: none"> • Unit 4 Vocabulary – Will be graded with notebook checks

* Note outlines can be found at www.joecoolmath.com

Vocabulary Unit 3

- Alternate Exterior Angles
- Alternate Interior Angles
- Center of a Regular Polygon
- Central Angle of a Regular Polygon
- Concave Polygon
- Convex Polygon
- Corresponding Angles
- Equiangular Polygon
- Equilateral Polygon
- Midsegment of a Trapezoid
- Midsegment of a Triangle
- Parallelogram
- Polygon
- Quadrilateral
- Rectangle
- Regular Polygon
- Remote Interior Angle
- Rhombus
- Same-side Interior Angles
- Slope
- Square
- Transversal
- Trapezoid