

**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.*

<b>SECTION DETAILS</b>	<b>TENATIVE DATES</b>
<i>Unit Three Vocabulary</i>	End of Unit
<i>Unit Three Pre-test (In-Class)</i>	10/14(A) 10/15(B)
<p><i>Vocabulary Quiz</i> <u>Sections 3.1 &amp; 3.2 – Polygon Properties</u></p> <ul style="list-style-type: none"> <li>• Notes</li> <li>• Assignment               <ul style="list-style-type: none"> <li>○ <u>Section 3.1:</u> Worksheet on Polygon Shapes</li> <li>○ <u>Section 3.2:</u> Page 151-153; Problems 1, 2, 5-8 all, 9-42 multiples of 3, 45, 46, &amp; 47. Be sure to show your work when necessary.</li> <li>○ Add Three-Story Intellect Questions and Summary to Cornell Notes</li> </ul> </li> </ul>	<p>Notes: 10/16(A) 10/19(B)</p> <p>Assignment Due: 10/20(A) 10/21(B)</p>
<p><i>Vocabulary Quiz</i> <u>Section 3.3 – Parallel Lines and Transversals</u></p> <ul style="list-style-type: none"> <li>• Notes</li> <li>• Assignment               <ul style="list-style-type: none"> <li>○ Pages 159-160; Problems 9-33 all, 46-50 even (<b>Bonus:</b> #34, use #35 &amp; other proofs as a guide. 2 points Extra credit)</li> <li>○ Read pages 139 &amp; 141 on Reflectional and Rotational Symmetry</li> <li>○ Add Three-Story Intellect Questions and Summary to Cornell Notes</li> </ul> </li> </ul>	<p>Notes: 10/20(A) 10/21(B)</p> <p>Assignment Due: 10/22(A) 10/23(B)</p>
<p><i>Vocabulary Quiz</i> <u>Section 3.4 – Proving That Lines Are Parallel</u></p> <ul style="list-style-type: none"> <li>• Notes</li> <li>• Assignment               <ul style="list-style-type: none"> <li>○ Pages 164-166; Problems 1, 2, 8-15 all, 18-23 all, &amp; 26-37 all.</li> <li>○ Read page 168 “Egg Over Alberta”</li> <li>○ Add Three-Story Intellect Questions and Summary to Cornell Notes</li> </ul> </li> </ul>	<p>Notes: 10/22(A) 10/23(B)</p> <p>Assignment Due: 10/26(A) 10/27(B)</p>
<p><i>Vocabulary Quiz</i> <u>Sections 3.5 &amp; 3.6 – Sums of Angle Measures in Polygons</u></p> <ul style="list-style-type: none"> <li>• Notes</li> <li>• Assignment               <ul style="list-style-type: none"> <li>○ <u>Section 3.5:</u> Pages 174-175; Problems 5, 6, 7, 8-24 even, 26-37 all, 41-44 all</li> <li>○ <u>Section 3.6:</u> Pages 180-182; Problems 4-8 all, 9-24 multiples of three, 25-36 all.</li> <li>○ Add Three-Story Intellect Questions and Summary to Cornell Notes</li> </ul> </li> </ul>	<p>Notes: 10/26(A) 10/27(B)</p> <p>Assignment Due: 11/03(A) 11/04(B)</p>
<p><i>District Quarter 1 Interim Test for Geometry</i></p> <ul style="list-style-type: none"> <li>• Students will be assessed by the school district on the skills they learned during Quarter 1.</li> </ul>	<p>District Test: 10/28(A) 10/29(B)</p>

<i>Quiz Sections 3.1 to 3.4 – Add to notebook after 3.4</i>	Corrections Due: 11/09(A) 11/10(B)
<i>Quiz on 3.1 to 3.4 Today</i> <u>Section 3.7 – Midsegments of Triangles &amp; Trapezoids</u> <ul style="list-style-type: none"> <li>• Notes</li> <li>• Assignment <ul style="list-style-type: none"> <li>○ Pages 186-187; Problems 5-22 all, 34-40 all</li> <li>○ Read page 190 &amp; 191 for a review of Slope</li> <li>○ Add Three-Story Intellect Questions and Summary to Cornell Notes</li> </ul> </li> </ul>	Notes: 11/03(A) 11/04(B)  Assignment Due: 11/05(A) 11/06(B)
<i>Vocabulary Quiz</i> <u>Section 3.8 – Analyzing Polygons with Coordinates</u> <ul style="list-style-type: none"> <li>• Notes</li> <li>• Assignment <ul style="list-style-type: none"> <li>○ Page 194; Problems 13-37 odd, YOU MUST SHOW WORK &amp; CALCULATIONS FOR CREDIT!!!! (You will need graph paper)</li> <li>○ Add Three-Story Intellect Questions and Summary to Cornell Notes</li> </ul> </li> </ul>	Notes: 11/05(A) 11/06(B)  Assignment Due: 11/09(A) 11/10(B)
<i>Vocabulary Quiz – Last Chance in Class!!</i> <u>Review for Unit 3 Test</u>	Review: 11/09(A) 11/10(B)
<i>Unit 3 Exam</i>	11/12(A) 11/13(B)
<i>Unit 4 Pre-Test</i>	11/12(A) 11/13(B)

### **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