Name: Reeck		Grading Quarter: 2	Week Beginning: December 2nd
School Year: 2024-2025		Subject: Geometry Honors	
Monday	Notes:	**Objective:** Students will further their understanding of creating rules by completing problems that use the *Interior and Exterior Angle Sum Theorems*. Lesson Foundations: Polygons, Interior/exterior angles, Vocab Lesson Overview: Angle Sum Theorem, individual angle measures Bell work: How many non-overlapping triangles can you create in an octagon? What is the sum of the measures of each one of those triangles? How many non-overlapping triangles can you create in a square? What about a hexagon? Is there a pattern? If so, what? Assignment: 7-1 (1-33 odd)	Academic Standards: G.CO.9, G.CO.10
Tuesday	Notes:	**Objective**: Students will understand the properties of a parallelogram by doing problems and creating problems that demonstrate the unique characteristics of Parallelograms. **Lesson Foundations**: Vocab, review the idea of *properties* **Lesson Overview**: Parallelograms and their properties **Bellwork**: Check your grades in Studentvue **Assignment**: 7-2 (1-5, 9-14, 19-27)	Academic Standards: G.CO.10, G.CO.12

Wednesday	Notes:	**Objective**: Students will prove theorems about the properties of parallelograms and use those properties to solve problems. **Lesson foundation**s: Diagonals, parallel slopes, distance formula, Pythagorean theorem **Lesson overview**: Determine the properties of parallelograms and demonstrate how they show a quadrilateral is a parallelogram. **Bellwork**: Draw a parallelogram. Now convert that parallelogram into a rectangle. What did you have to do? **Assignment**: 7.3 (1-11, 13, 15, 27, 29, 30) 7.4 (1-14, 17, 19, 21, 25-33 odd)	Academic Standards: G.CO.11, G.CO.12, G.GPE.4
Thursday	Notes:	**Objective**: Students will recognize and apply the properties of rhombi and squares. **Lesson Foundations**: Diagonals, parallel slopes, distance formula **Lesson Overview**: Understand the family of quadrilaterals. **Bellwork**: Fill out your math logs. Make a drawing with a bunch of connected rhombi. What do you notice? Are there other *regular* polygons that fit together like that? Give it a try. **Homework**: 7.5 (1-10, 15-30 odd, 35-38, 42)	Academic Standards: G.CO.11, G.CO.12, G.GPE.4
Friday	Notes:	**Objective:** Students will solve problems using the properties of trapezoids and kites. Lesson Overview: Applications of properties. Students will show they can apply properties of quadrilaterals Bell work: Look up the properties of a kite. Make a drawing that illustrates all of them. Assignment: 7-6 (1-32)	Academic Standards: G.GPE.4