

Name: Woods		Grading Quarter: 3	Week Beginning: 1/29/24
School Year: 23-24		Subject: Geometry	
Monday	Notes:	Objective: Students will be able to classify angles by size and congruence. Lesson Overview: Define terms from lesson 2-1 in workbook. Use kuta software worksheets to practice in pairs.	Academic Standards: G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.
Tuesday	Notes:	Objective: Students will be able to name angle pairs created by parallel lines. Lesson Overview: Notes on parallel lines being cut by a transversal. Creates vertical, alternate interiors, same-side interior, alternate exterior, and corresponding angles.	Academic Standards: G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.
Wednesday	Notes:	Objective: Students will be able to name angle pairs created by parallel lines. Lesson Overview: <i>This is a re-teach day.</i> Naming and classifying: work together, then in pairs, then individually until mastery.	Academic Standards: G.CO.12 Make geometric constructions. Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.).
Thursday	Notes:	Objective: Students will be able to identify various two-dimensional figures. Lesson Overview: Notes – polygons by number of sides (triangle, quadrilateral, pentagon, etc.) as well as regular polygons (sides and angles congruent)	Academic Standards: G.GPE.7 Use coordinates to compute perimeters of polygons and areas of triangles and rectangles, e.g., using the distance formula

Friday	Notes:	Objective: Students will be able to explore rigid transformations. Lesson Overview: Introduction to rigid transformations: rotation, reflection, translation. Student.desmos.com: Polygraph	Academic Standards: G.CO.2 Represent transformations in the plane using, e.g., transparencies and geometry software; describe transformations as functions that take points in the plane as inputs and give other points as outputs. Compare transformations that preserve distance and angle to those that do not (e.g., translation versus horizontal stretch).
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