

Name: Thompson		Grading Quarter: 7	Week Beginning: 3/18/25
School Year: 24/25		Subject: Geometry	
Monday	Notes: PD day	No school	<u>Academic Standards:</u>
	Tuesday	Notes: 9-5	<p>Objective: SWBAT solve problems using the trigonometric ratios and their inverse trigonometric ratios for acute angles.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Learn Intro to Trig. Guided Notes (pg. 1-2) packet • Complete 2 example whole group • Complete Practice Problems (attached PDF) • If time – complete #’2,4,6,8 in textbook page 537.

Wednesday	<p>Notes:</p> <p>9-5 Continued</p>	<p>Objective: SWBAT solve problems using the trigonometric ratios and their inverse trigonometric ratios for acute angles.</p> <p>Lesson overview:</p> <ul style="list-style-type: none"> • Learn SIN, COS, TAN of complementary Angles notes (pg.3-4) packet • Complete practice worksheet • If time – pg. 538 #'s 16-21 	<p>Academic Standards:</p> <p>G.SRT.6 Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles.</p> <p>G.SRT.7 Explain and use the relationship between the sine and cosine of complementary angles.</p>
Thursday	<p>Notes:</p> <p>9-6</p>	<p>Objective: SWBAT solve real-world problems using the trigonometric ratios and their inverses.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Learn “Find a missing side” notes , applying trigonometry. Page 5 packet • Complete page 6 & 7 Practice applying trig in right triangles. 	<p>Academic Standards:</p> <p>G.SRT.8 Use trigonometric ratios and the Pythagorean Theorem to solve right triangles in applied problems.</p> <p>G.SRT.9 Derive the formula $A = \frac{1}{2}ab \sin(C)$ for the area of a triangle by drawing an auxiliary line from a vertex perpendicular to the opposite side.</p>
Friday	<p>Notes:</p> <p>Sub Catch up / ALEKS topics</p>	<p>Objective: SWBAT complete any missing work from this class and open ALEKS to complete 2 topics.</p>	<p>Academic Standards:</p>