Mathematics: Geometry L2 - *Modified from Unit E - Right Triangles*

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Pythagorean Theorem, Distance Formula, Special Right Triangle

Vocabulary: altitude, hypotenuse, distance, pythagorean theorem, square root

Skills: Finding the length of the side of a right triangle using different methods.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: 9.4 Pythagorean Thm	Khan Video - Intro to the Pythagorean Theorem Khan Video - Pythagorean Theorem Example2	Khan Practice - Use Pythagorean theorem to find right triangle side lengths Khan Practice - Right triangle side lengths
Tuesday:9.5 Distance Formula	Khan Video - Distance Formula	Khan Assignment - Distance Formula
Wednesday:9.4/9.5 Pyth Thm and Dist Form Practice	Live Google Meet Review	Pyth Thm/Distance Formula Worksheet
Thursday:9.6 Triple	First 4 Triples - 3,4,5 / 5,12,13 / 7,24,25, / 9,40,41	4 triples WS
Friday: Wrap-Up - Review of 9.4-9.6	Live Google Meet Review Zoom Review Lesson	Bookwork: Pg 387 #1a,b,c, pg 394, #1d,e,f, pg 401 #1a,2a,3a Fix Mistake WS

Week criteria for success (attach student checklists or rubrics):

Criteria for success (attach student checklists or rubrics):By the end of this module, students will be able to:

- Apply the Pythagorean Theorem to find the missing side, and find out if the triangle is right, acute, or obtuse.
- Using the distance formula to find length between two points.

Supportive resources and tutorials for the week (plans for re-teaching):   Khan Academy, Kuta Software worksheets, Office Hours