Grade 9 - 10
Distance Learning Module 5- Week of: April 27, 2020 - May 1, 2020

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

Targeted Goals from Stage 1: Desired Results

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

Vocabulary: Regular Solid, Slant Height, Faces, Altitude, Base

Skills: Finding the length of the side of a right triangle using different methods. Finding lengths in a figure in space.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: 9.5 Distance Formula	Khan Distance Formula Video	Khan Exercise
Tuesday: 9.7 45-45-90	Khan - Proof of 45-45-90 Special right triangle 45-45-90 Video	Google Form
Wednesday: 9.7 30-60-90	Khan - Proof of 30-60-90 Special right triangle 30-60-90 Video	Google Form
Thursday: 9.8 3D Shapes	Rectangular Prism and Pyramids Video	Book work Page 414-415 # 1-5
Friday: Wrap up/Review	Google Meet Review	Fix Mistake WS

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

- 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.

- Finding the diagonals in a rectangular solid, and regular square pyramid.

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