

Grades 9 & 10

Distance Learning Module 6: Week of May 11<sup>th</sup> – May 15<sup>th</sup>

## Mathematics: Geometry Level 2 - 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: 9.7 45-45-90	Special right triangle 45-45-90 Video	Google Form
Tuesday: 9.7 30-60-90	Special right triangle 30-60-90 Video	Google Form
Wednesday: 9.7 Practice Day	Optional Live Google Meet Review	Bookwork: Pages 408-409, #s 1,3, 12, 13
Thursday: 9.8 3D Shapes	Rectangular Prism and Pyramids Video	Bookwork Page 414-415 # 1-5
Friday: Wrap up/Review	Optional Live Google Meet Review	9.4 - 9.8.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

- Overview of Special Right Triangles video
- Practice of Special Right Triangles