

Grade 9 - 10

Distance Learning Module 5 - Week of April 27, 2020 - May 1, 2020

## 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