

Grade 10

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

## Mathematics: *Geometry Level 3* - [Quadrilaterals](#)

### Targeted Goals from Stage 1: Desired Results

**Content Knowledge:** Surface area as a measure of areas of the faces of prisms

**Vocabulary:** Surface area, nets, rectangular prisms, cubes

**Skills:** using nets and/or formulas to calculate surface areas of rectangular prisms and cubes

### Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Equation of a circle	Khan video: Equation of a circle Google slides: 70-76	Khan Academy practice HW: 5.6 Circle equation
Tuesday: Circle application problems (Pizza PBA)	LIVE instruction: Pizza problems	HW: Pizza problem
Wednesday: Circle review	Slides	Review problems
Thursday: Introduction to polyhedra nets	Khan video: Nets Slides 2-3	Khan practice: Nets
Friday: Finding the surface area using nets	Khan video: SA using nets Slides 2-3	Khan practice: SA using nets

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

- Students will be able to solve circle application problems

- Students will be able to use nets to calculate surface area for rectangular prisms
- Students will be able to use surface area formulas derived from nets to calculate SA for rectangular prisms

**Supportive resources and tutorials for the week** (plans for re-teaching):

Google slides

Office hours

Extra help sessions