

Grade 9-11

Distance Learning Module 10: Week of: June 8<sup>th</sup> – June 12<sup>th</sup>

## **Algebra I Level 3 - Modified from [Unit F - Beyond a Straight Line](#)**

### **Targeted Goals from Stage 1: Desired Results**

**Content Knowledge:** what is the zero product property, why is it helpful to set our equation to zero, when using zero product property we are determining a x-intercept(s)

**Vocabulary:** factor, trinomial, zero product property, quadratic, x-intercept(s)

**Skills:** factoring, solving an equation using zero product property

### **Expectation:**

<b>Description of Task (s):</b>	<b>Resources and Materials:</b>	<b>Daily Checks (Return to Google Classroom or snapshots from a cell phone)</b>
Monday: Zero Product Property	Zero Product Property Video Zero Product Property Note sheet	Zero Product Property Worksheet
Tuesday: Zero Product Property Khan	Khan - Zero Product Property	Khan - Zero Product Property Practice
Wednesday: Factoring Practice	Office Hours	Midweek Check-In
Thursday: Quadratic Formula Khan	Khan- Quadratic Formula Intro Khan - Quadratic Formula Example	Khan - Quadratic Formula Practice
Friday: Factoring Review	Review Document Optional Live Session	End of Module Check-In

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

SWBAT:

- Solve a quadratic equation using zero product property
- Explain how the zero product property results in finding x-intercept(s)

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

- Daily Office hours and meetings by appointment
- Rewatch Khan Videos
- Purple Math - This is a website that provides guides notes to students
- Special Ed students can be assigned aligned iXL activities if needed