



Aledo Independent School District

## GRADES 6-12 DISTANCE LEARNING

<b>School Name</b>	Aledo High School
<b>Grade Level</b>	10th & 11th
<b>Week of</b>	4/13/20 *All assigned work due by Sunday at midnight

### Algebra 2 (Regular and PAP) Week at a Glance

*\*This week's lesson addresses the following learning standards:*

**5.C :rewrite exponential equations as their corresponding logarithmic equation and logarithmic equation as their corresponding exponential equations**

**5.D solve exponential equations of the form  $y=ab^x$  where a is a nonzero real number and  $b > 0$  but not equal to one and single logarithmic equations having real solutions**

**5.B: formulate exponential and logarithmic equations that model real-world applications, including exponential relationships written in recursive notation**

#### **Lesson Frame:**

We Will: analyze, discuss, and interpret the change of base formula and solving logarithmic equations

I Will: formulate logarithmic equations and solve

So That I Can: apply these techniques to real world applications

**Estimated Time to Complete: 2 hours**

**Resources Needed: 9.3 - 9.4 Notes and Assignment**

#### **Non-Digital Resources:**

##### [4/13 Non - Digital](#)

Step 1: Read this printout of the notes, following along from step to step.

Step 2: Leave me your number on google classroom or email, and I will call you for help as needed.

### Lesson Delivery (What do we want you to learn?):

#### [9.3 - 9.4 Notes and Examples \(Google Slides\)](#)

#### [9.3 - 9.4 Notes and Examples \(pdf\)](#)

Step 1: Follow along on the google slides with the short videos provided. Short videos give you stopping points to enable you to process the information before continuing to a new idea.

Step 2: Work the practice examples at the end of the slides and check answers which appear on the last slide.

Step 3: Work the assignment on a printed copy, or notebook paper, or edit your individual google doc.

Step 4: Submit: by taking a pic of your copy or notebook paper & upload OR submit your edits.



Aledo Independent School District

**Engage and Practice (What do we want you to do?):**

This section is in Notes and Examples slides or pdf.

**Create and Submit (What do we want you to turn in?):**

[9.3- 9.4 Assignment](#), pdf

Directions above.

**Optional Extension Opportunity (What do we want you to do if you want to extend your learning?):**

**Regular and Pre AP - Create a Flow Map on how to solve logarithmic equations**

**Pre AP- Create from your Flow Map a Critical Writing (Intro, Body, and Closing) on solving logarithmic equations**