

Grade 8

Distance Learning Module 9: Week of: 6/1/2020-6/5/2020

Grade 8 PreAlgebra - Modified from [Unit 2 - Solving Equations](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions.

Vocabulary: perfect square, radical

Skills: Students will be able to simplify radicals and add/subtract numbers in radical form.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Review Perfect Square Roots and Estimating Square Roots	Mrs. Gwiazda's Video Google Slides Additional Resources (OPTIONAL) Practice finding perfect Square Roots Online (if you need help watch this video) Video: Approximating Square Roots	Khan Approximating Square Roots
Tuesday: Simplifying Square Roots	Mrs. Gwiazda's Video Google Slides Additional Resources (OPTIONAL) Video: Kahn Simplifying Square Roots Go to Problem 3 for Online practice and answers	Complete Google Slides and Remember to Press Turn In (Assignment is Listed in Classroom)
Wednesday: Simplifying Square Roots	Mrs. Gwiazda's Video Google Slides	Complete Problems in Google Slides and Remember to Press Turn In (Assignment is Listed in Classroom)

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Thursday: Adding and Subtracting Square Roots	Mrs. Gwiazda's Video Google Slides Additional Resources (OPTIONAL) Kuta Practice (choose and correct ten from the first page) Go to problem #5 for Online Practice and Answers	Google Form
Friday: Adding and Subtracting Square Roots	Mrs. Gwiazda's Video Google Slides	Google Form

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

- ☐ I can find the approximate value of a square root.
- ☐ I can simplify square roots
- ☐ I can simplify square roots so and then add/subtract to simplify expressions

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

All supportive resources can be found in the module.