

Grade 8

Distance Learning Module 4: Week of: April 20th – April 24th

Mathematics - Grade 8 Pre-Algebra - Exponents - Modified from [Unit E - Factors and Monomials](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other. Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Use scientific notation and choose units of appropriate size for measurements of very large or very small quantities.

Vocabulary: exponent, base

Skills: Change an expression with a negative exponent into an equivalent expression with a positive exponent; Choose an appropriate exponent rule to rewrite an expression to have a single exponent; Use and explain a rule for multiplying terms that have different bases but the same exponent

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: 7.2: Exponent Rule Practice	Google Slides	Answer discussion question in Google Classroom: 7.1: Which One Doesn't Belong: Exponents?
Tuesday: 7.3: Inconsistent Bases	Google Slides	Check-in (7.7 Cool-down in Assistent)Link will be posted in Google Classroom
Wednesday: 8.2: Exponent Product Rule	Google Slides	Answer discussion question in Google Classroom: 8.1: Same Exponent, Different Base
Thursday: 8.3: How Many Ways Can You Make 3,600?	Google Slides	Check-in (7.8 Cool-down in Assistent)Link will be posted in Google Classroom

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Friday: Read notes from Lessons 7 and 8 and complete practice problems.	Google Doc	Lesson 7 and 8 Practice Problems (from Assistent) - Link will be posted in Classroom

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

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

Lesson 7 – YouTube video-Math 8 7 7 Homework Help Morgan

Lesson 8 – YouTube video Math 8 7 8 Homework Help Morgan

Exponent Rules Posters

Daily questions/check-in links to posted on Classroom: