

Grade 5

Distance Learning Module 10: Week of: June 8 – June 12

Grade 5 Math - Modified from [Unit 5 - Multiplying and Dividing Whole Numbers and Fractions](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Students will understand the multiplication standard algorithm, partial quotient model for division, and how to calculate the volume of a rectangular prism.

Vocabulary:

algorithm: a step by step procedure for computing that gives the correct result in every case when the steps are carried out correctly.

product: the result of multiplying two or more numbers.

quotient: the result or answer in division; the number of times one quantity goes into another

divisor: the number in a division problem that divides the dividend

dividend: the number that will be divided in a division problem

Skills:

- Solve multi-digit multiplication problems using standard algorithm.
- Solve division problems of a 2- or 3-digit whole number by a 1- or 2- digit whole number using partial quotients.
- Calculate volume of a rectangular prism.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Today you will practice multiplication standard algorithm. Practice Multiplication or Division Facts	Review Multiplication Standard Algorithm anchor chart. Complete Multiplication Standard Algorithm Skills Review (*Please note: #3 is an optional challenge.*) <i>If you choose to do #3, please watch this video first: #3 Challenge Demonstration</i>	Upload your completed skills review to Google Classroom.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
	Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	
Tuesday: Today you will practice the partial quotient model for dividing numbers. Practice Multiplication or Division Facts	Review Partial Quotients anchor chart. Play Quotient Cafe Complete Partial Quotient Review Problems Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Upload your completed Partial Quotient Review Problems to Google Classroom.
Wednesday: Today you will solve multiplication and division equations. Practice Multiplication or Division Facts	Review the Multiplication Standard Algorithm and Partial Quotients anchor charts. Play Quotient Cafe Play Hangmath with a partner (Family, over FaceTime, etc.). You do not need to turn it in. Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	There is nothing to turn in today.
Thursday: Today you will calculate the volume of rectangular prisms. Practice Multiplication or Division Facts	View the anchor chart to review how to calculate volume: Volume Anchor Chart Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete the Google Form: Volume Google Form
Friday: Today you will determine the missing dimension of a rectangular prism. During our Live Session today, we will review ways to practice over the summer.	View the anchor chart to review how to calculate volume: Volume Anchor Chart Watch this Learnzillion video on how to determine a missing dimension of a rectangular prism when you know the	Complete the Google Form: Volume Google Form 2

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Practice Multiplication or Division Facts	<p>volume.</p> <ul style="list-style-type: none"> • When you open the video, click “sign in as guest” at the bottom of the box. • You will then have to enter your first name. • Here’s a video to show you how to log in. <p>Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.</p>	

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

- 1) I can solve a multi-digit multiplication problem using standard algorithm.
- 2) I can solve a division problem using the partial quotients strategy.
- 3) I can calculate the volume of a rectangular prism.

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

Learnzillion Standard Algorithm

The Donut Doze Off

Play Quotient Cafe online

Base Ten Grid Paper to practice array model

Khan Academy Practice: Divide Multi-Digit Numbers by 2,3,4, and 5

Khan Academy Practice: Divide Multi-Digit Numbers by 6,7,8, and 9

Khan Academy Volume Review