

Grade 4

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

Grade 4 Mathematics - Modified from [Unit 6 - A Fraction of This, A Multiple of That](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: The strategies learned for multiplication also work for division.

Vocabulary: dividend, divisor, quotient, factor, product, partial product, partial quotient

Skills:

- using arrays and ratio tables to model and solve multi-digit division problems
- using a variety of strategies to find a product/quotient
- solving and writing story problems for division equations

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Division story problems Today your mission is to consider different strategies that were used to solve story problems. You will be successful if you consider how you could have solved the problems a different way. Practice Multiplication or Division Facts	Today will be a LIVE session to discuss ways you solved the story problems on Friday. Bring your work from Friday to our session. 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 reflecting on the strategies shared in our LIVE session Math Forum.
Tuesday: Division story problems Today your mission will be to practice solving division story problems. You will need to solve on paper and then put your answers in the Google Form. Practice Multiplication or Division Facts	Watch this video on the 3 Reads Strategy for story problems. Refer to this anchor chart when solving the problems on the Google Form. 3 Reads Strategy Anchor Chart Choose a game or activity to practice facts for	Complete the story problems on this Google Form. Use the 3 Reads Strategy as you solve them.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
	5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	
<p>Wednesday: Today, your math mission is to practice your division facts!</p> <p>You will be successful if you choose an item from the menu to help you practice!</p>	Division Fact Practice Menu	Send me a comment with your favorite game for division practice today!
<p>Thursday: Writing Division Story Problems Today, your math mission is to write a story problem to match a division equation.</p> <p>Practice Multiplication or Division Facts</p>	<p>Today will be a LIVE session. Bring your white boards and marker. We will be learning how to write story problems for division equations.</p> <p>Story Problem Examples</p> <p>Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.</p>	Complete the Google Form on which you will practice writing division story problems.
<p>Friday: You will be successful if you can solve 2 of these problems using the area model strategy.</p> <p>Practice Multiplication or Division Facts</p>	<p>Choose two of these equations to solve. You can create a poster, Google slides or one of the optional presentation ideas.</p> <p>215 ÷ 5 749 ÷ 7 225 ÷ 9</p> <p>Refer to DIVISION STRATEGIES Poster for strategy review.</p> <p>Here are some optional ideas for presenting your work.</p> <p>Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.</p>	<p>Materials Needed:</p> <ul style="list-style-type: none"> *poster of any size *markers/crayons *chalk <p>or Google Slides.</p> <p>When your poster is complete, take a photo of it to share with me! I will post some finished posters on the page to help others learn! We will share out posters on Monday!</p>

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

- I can use what I know about multiplication facts to solve division problems.
- I can use area models and ratio tables to model and solve division problems.
- I can write a story problem for a given division equation.

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

The Quotient Cafe

Area model practice problems

DivisionAreaModel44E.pdf

Fact Strategy Posters: Division

Division Fact Practice: from the MLC Practice Book pages 13, 17, 23, 53, 57 (bottom), 59 (top), 65 (top), 87 (bottom), 136

Division Using Graph Paper Video

Division Using the Area Model video

Divide Using the Area Model

Khan Academy Video on the Area Model

Area Model for Division Anchor Chart

Bridges Student Book pages 224- 225

Division Using the Area Model Practice

Division using a Ratio Table

Ratio Table for Division with 3 Digit Dividend

Ratio Table for Division with a 4 Digit Dividend

Home Connections page 119