

Grade 4

Distance Learning Module 8: Week of: May 26th – May 29th

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 what they know about multiplication to solve division problems
- using arrays and ratio tables to model and solve multi-digit multiplication and division problems
- using a variety of strategies to find a product/quotient

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday:	Memorial Day	No School
Tuesday: Ratio Table Today your mission is to use a ratio table to solve division problems, using partial quotients. Practice Multiplication or Division Facts	Today will be a live session that will introduce using the ratio table to solve division problems. Choose a game or activity to practice facts for 5 - 10 minutes. See District website or Fact Fluency Practice Options for ideas.	Complete the Using a Ratio Table for Division Problems. When you are finished take a picture or scan and upload to Google Classroom.
Wednesday: Division Fact Practice Today, your math mission is to check out the Division Fact Menu and select <i>at least one</i>	Division Fact Practice Menu	Send in a picture of you practicing your facts! Or, if anyone has another creative way to practice their division facts, share them with

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
method of practicing your math facts for today!		me please!
<p>Thursday: Ratio Table</p> <p>Today, your mission is to use a ratio table to solve division problems, using partial quotients.</p> <p>Practice Multiplication or Division Facts</p>	<p>Live Session - We will play Lowest Remainder Wins in our session today. Bring a copy of the Lowest Remainder Wins Record Sheet.</p> <p>Directions for Lowest Remainder Wins Lowest Remainder Wins Record Sheet Lowest Remainder Wins Challenge Sheet If you need dice, here are digital options: digital 4-9 spinner digital 1-6 spinner (To use, click directly on the spinner and it will start moving.)</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>Complete the two Lowest Remainder Wins game scenarios.</p> <p>Take a picture or scan your work and upload it to Google Classroom.</p>
<p>Friday:</p> <p>Today your mission is to use your preferred strategy (an area model or ratio table) to solve division story problems.</p> <p>We will be sharing out your strategies in our live math session on Monday morning. Remember to use your knowledge of multiplication facts to help!</p> <p>Practice Multiplication or Division Facts</p>	<p>Area Model and Ratio Table Anchor Chart</p> <p>Division Story Problems</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>Take a picture or scan your work for the Division Story Problems. Make sure you show your work today, so I can understand exactly what you were thinking! Save your work to bring to our session on Monday.</p>

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

- use what you know about multiplication facts to solve division problems
- use area models and ratio tables to model and solve division problems
- use and be able to explain a variety of strategies to find a product/quotient

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

Division Using Graph Paper Video

Division Using the Area Model video

Divide Using the the Area Model

Khan Academy Video on the Area Model

Area Model for Division Anchor Chart

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

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

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