

Grade 5

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

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

### Targeted Goals from Stage 1: Desired Results

**Content Knowledge:** how to find the product of two mixed numbers

**Vocabulary:** denominator, numerator, factor, fraction, improper fraction, product, equivalent fraction, area model, equation, expression, fraction model

**Skills:**

- solving multiplication of fractions with the area model
- how to model multiplication of fractions
- solving story problems involving multiplication of fractions
- adding fractions with unlike denominators

**Expectation:**

<b>Description of Task (s):</b>	<b>Resources and Materials:</b>	<b>Daily Checks (Return to Google Classroom or snapshots from a cell phone)</b>
<p><b>Monday:</b> Adding Fractions with unlike denominators</p> <p>Practice Multiplication or Division Facts</p>	<p>Review:</p> <ul style="list-style-type: none"><li>● Clock and Money Model for Fractions Anchor Chart</li><li>● Clock Model for Adding Fractions</li><li>● Double Number Line for Adding Fractions</li></ul> <p>Watch Adding Fractions with Unlike Denominators Using the Money Model</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>Solve the problems in the Google Form using the model you prefer (clock, money or double number line).</p>

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<p><b>Tuesday:</b> Adding Fractions with unlike denominators</p> <p>Practice Multiplication or Division Facts</p>	<p>View the Finding Common Denominators anchor chart and watch the video Finding Common Denominators to see an example</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 Google Form Adding Fractions with Unlike Denominators 2</p>
<p><b>Wednesday:</b> Whole number multiplied by a mixed number</p> <p>Practice Multiplication or Division Facts</p>	<p>Watch this video from LearnZillion: Multiply whole numbers by mixed numbers: using area models</p> <ul style="list-style-type: none"> <li>● When you open the video, click “sign in as guest” at the bottom of the box.</li> <li>● You will then have to enter your first name.</li> <li>● Here’s a video to show you how to log in.</li> </ul> <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 Google Form Multiplying Whole Numbers by a Mixed Number</p>
<p><b>Thursday:</b> Mixed number multiplied by a mixed number</p> <p>Practice Multiplication or Division Facts</p>	<p>Watch the video, Caleb’s Flags, on how to multiply a mixed number by a mixed number.</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 More of Caleb’s Flags problems on SB p. 246 - 247. When you are finished, take a picture or scan your work and upload it to Google Classroom.</p>
<p><b>Friday:</b> Mixed number multiplied by a mixed number</p> <p>Practice Multiplication or Division Facts</p>	<p>Watch the video, Aaron’s Arrays, on how to multiply a mixed number by a mixed number.</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 Abby’s Arrays on HC page 129. (The page says page 1 of 2. You are only doing page 1.)When you are finished, take a picture or scan your work and upload it to Google Classroom.</p>

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

- I can add fractions with unlike denominators.
- I can solve for the product of two mixed numbers using an area model.

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

Game to practice adding fractions: Frosty fractions

Least common denominator Game: Fruit Shoot

Multiplying Fractions Game: Snow Sprint

Multiplying mixed numbers with mixed numbers: the area model

Learnzillion Multiply Mixed Number by Mixed Numbers

Anchor Chart for multiplying with Mixed Number Using an Area Model

Practice multiplying a whole number by a mixed number

Garden Designs: Using area model to multiply mixed numbers