

Grade 7

Distance Learning Module 6: Week of May 11<sup>th</sup> – May 15th

## Grade 7 Mathematics - Modified from [Unit C - Rational Numbers](#)

### Targeted Goals from Stage 1: Desired Results

**Content Knowledge:** Apply and extend previous understandings of all four operations with rational fractions and decimals

**Vocabulary:** rational, irrational

**Skills:** 1) Add, subtract, multiply and divide positive and negative fractions rational numbers

2) Add, subtract, multiply and divide rational decimals

### Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday:  Today we will: *Compare rational numbers  You will read a brief article, watch a video and complete some practice problems.  You will also respond to a question in google classroom!	What is a rational number?(article)  Comparing Rational Numbers(Khan video)  Order Rational Numbers (Khan Practice)  Negative Rational Numbers on the Number Line(Khan Practice)	Your teacher will review your Khan Academy work.  Answer question on Google classroom  1. Name three rational numbers. The numbers you choose need to be different than any other responses from your classmates.  2. Choose three rational numbers in different forms and put them in order from least to greatest.  Your response should look like this

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
		1.) $\frac{3}{4}$ 8      4.13 2.) -4.2 $\frac{1}{2}$ 1200
<p>Tuesday:</p> <p>Goal:</p> <p>Today we will: Add and Subtract Rational Numbers (Focus on fractions)</p> <p>You will watch the Khan Academy videos and complete the practice problems.</p>	<p>Adding Fractions with Different Signs (Khan Video)</p> <p>Adding and Subtracting Negative Fractions(Khan Practice)</p> <p>Adding and Subtracting Rationals Extension (Khan Academy Optional Challenging)</p> <p>Adding and Subtracting Rationals Practice(Khan Practice Optional)</p>	<p>Your teacher will review your Khan Academy work</p>
<p>Wednesday:</p> <p>Goal:</p> <p>Today we will: Add and Subtract Rational Decimals</p> <p>You will watch the video and then complete numbers 1-14 on the worksheet. Be sure to check your work!!</p> <p>If you are looking for a challenge, I added a more challenging worksheet for you to complete!</p> <p>Lastly, you will fill out the short google form so your teacher can check your progress!</p>	<p>Adding and Subtracting Positive and Negative Decimals(video) *While you are watching this video you should have your notebook handy to do the problems being worked on in the video!</p> <p>Adding/Subtracting Decimal Worksheet (Worksheet -Do numbers 1-14 and check your answers on the answer key provided) You may do this in your notebook</p> <p>Adding and Subtracting Signed Decimals Worksheet(Optional Challenge Work)</p>	<p>Google Form for Week 5 Wednesday</p>
<p>Thursday:</p>	<p>Multiplying Positive and Negative Fractions (Khan Video)</p>	<p>Your teacher will review your Khan Academy work</p>

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<p>Goal:</p> <p>Today we will: Multiply rational decimals and fractions</p> <p>You will watch the videos and complete the Khan Academy Practice Problems</p>	<p>Multiplying Positive and Negative Fractions Practice (Khan Practice)</p> <p>Multiplying Decimals with Negatives(Video) You should complete the examples shown in the video in your notebook. Pause the video to compare your work to the work in the video!</p>	
<p>Friday:</p> <p>Goal</p> <p>Today we will: Divide rational decimals and fractions</p> <p>You will watch the videos and complete the Khan Academy Practice Problems</p>	<p>Dividing Negative Fractions(Khan Video)</p> <p>Dividing Negative Fraction Practice (Khan Practice)</p> <p>Dividing Signed Decimals Video(Video) You should complete the examples shown in the video in your notebook. Pause the video to compare your work to the work in the video!</p>	<p>Your teacher will review your Khan Academy work</p>

**Week criteria for success** (attach student checklists or rubrics):I can add, subtract, multiply and divide fractions.

- 1) I can add, subtract, multiply and divide rational numbers.
- 2) I can compare and order rational numbers.

**Supportive resources and tutorials for the week:**

- 1) All videos are to review previously learned concepts.
- 2) All Khan Academy Practice links will be checked and marked by the teacher.
- 3) All optional games and activities are for extra practice or extension.
- 4) All Khan Academy practice problems have links to video help if needed.