

Grade 9

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

Equivalent Fractions, Common Denominators

Integrated Algebra and Geometry

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Word Problems with: Fractions, Addition and Subtraction of Fractions Unlike Denominators, Mixed Numbers Unlike Denominators

Vocabulary: Mixed Numbers, Numerator, Denominator, Improper fraction, scaling

Skills: Understanding addition and subtraction of fractions and mixed numbers with like and unlike denominators in Word problems.

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:	Fraction word problem: piano (video) adding-fractions-word-problem-2	Add and subtract fractions word problems (same denominator) (practice)
Wednesday:	Adding fractions word problem: paint (video) Subtracting fractions word problem: tomatoes (video)	Add and subtract fractions word problems (practice)
Thursday:	Multiplying fractions and whole numbers visually (video) Equivalent fraction and whole number multiplication problems (video)	Multiply fractions and whole numbers (practice) Multiply fractions and whole numbers with fraction models (practice)

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
		Multiply fractions and whole numbers on the number line (practice)
Friday:	Multiplication as scaling with fractions (video)	Fraction multiplication as scaling (practice)

Week criteria for success (attach student checklists or rubrics): Worksheets, Khan Academy

By the end of this module, students will be able to:

- Add / Subtract fractions with common denominators in word problems.
- Add / Subtract mixed numbers with uncommon denominators in word problems.
- Multiplying fractions and whole numbers

Supportive resources and tutorials for the week (plans for re-teaching): Khan Academy, Kuta Software worksheets, office hours