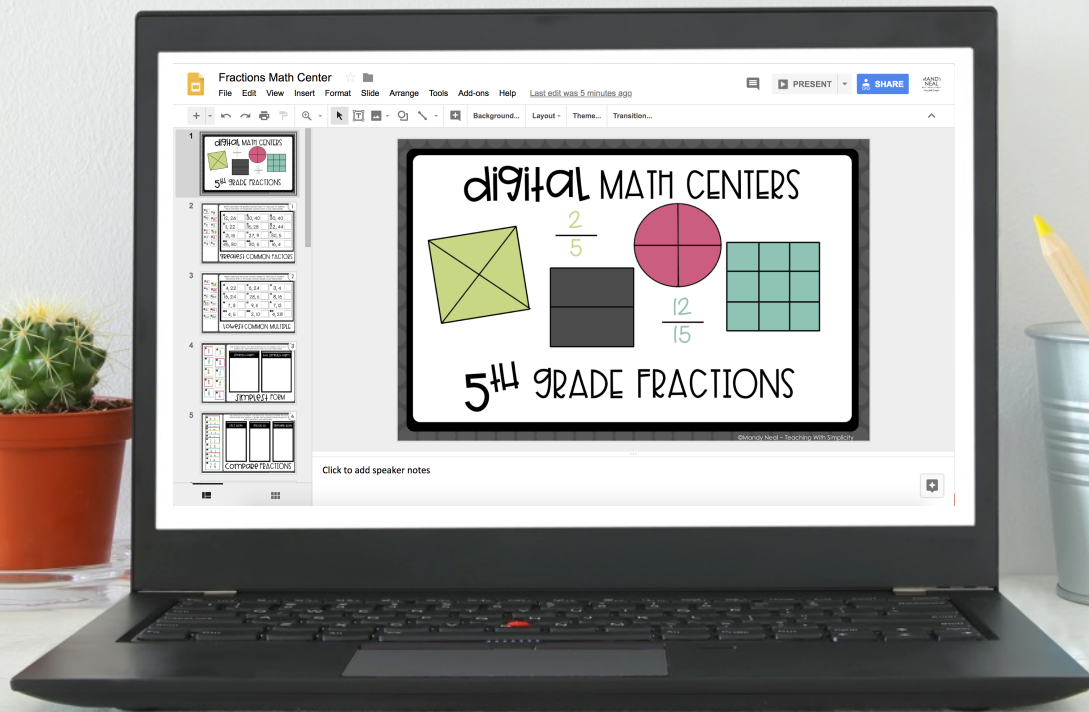


# digital MATH CENTERS

## 5<sup>th</sup> Grade Fractions



MANDY NEAL

Teaching With Simplicity

# 14 different interactive digital centers

**Fractions Math Center**

File Edit View Insert Format Slide Arrange Tools Add-ons Help Last edit was 5 minutes ago PRESENT SHARE

ORDERING FRACTIONS

7

8

9

10

11

CONVERTING FRACTIONS TO DECIMALS

ADDING FRACTIONS

SUBTRACTING FRACTIONS

ADDING MIXED NUMBERS

MULTIPLYING FRACTIONS

Match the sum to each expression. Record the letter of each sum in your math booklet.

9

a $17\frac{3}{10}$	k $12\frac{1}{5}$	1 $10\frac{1}{9} + 7\frac{5}{6}$		m $2\frac{3}{5} + 8\frac{8}{12}$	
b $11\frac{1}{35}$	l $6\frac{21}{88}$	2 $3\frac{5}{7} + 2\frac{5}{7}$		n $4\frac{3}{7} + 6\frac{3}{5}$	
c $4\frac{19}{21}$	o $17\frac{17}{18}$	3 $2\frac{7}{8} + 3\frac{4}{11}$		p $4\frac{7}{8} + 1\frac{6}{8}$	
d $6\frac{5}{8}$	q $11\frac{4}{15}$	4 $1\frac{4}{7} + 3\frac{3}{9}$		r $10\frac{6}{11} + 1\frac{3}{4}$	
e $6\frac{3}{7}$	s $12\frac{13}{44}$	5 $8\frac{1}{2} + 8\frac{4}{6}$		t $7\frac{3}{6} + 4\frac{7}{10}$	

adding MIXED NUMBERS

Click to add speaker notes

# digital MATH CENTERS

## The Complete List

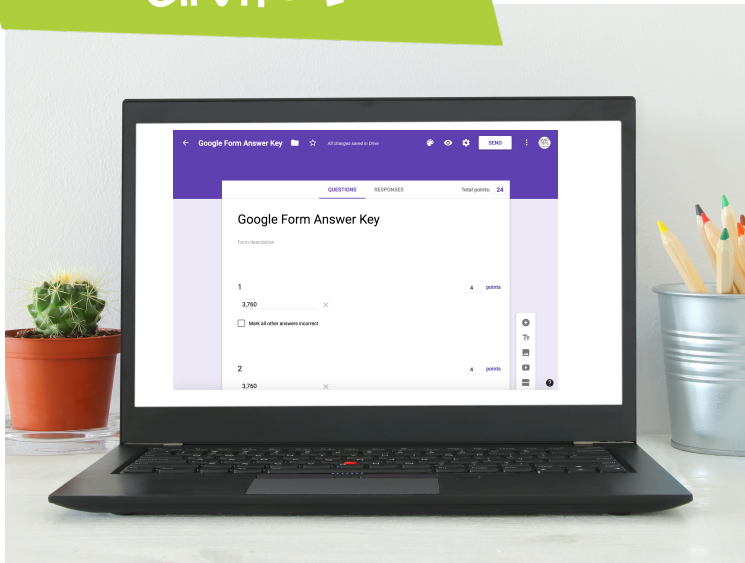
1. GREATEST COMMON FACTOR
2. LOWEST COMMON MULTIPLE
3. SIMPLEST FORM (SORT)
4. COMPARE FRACTIONS (SORT)
5. ORDERING FRACTIONS
6. FRACTIONS AS DECIMALS
7. ADDING FRACTIONS
8. SUBTRACTING FRACTIONS
9. ADDING MIXED NUMBERS
10. MULTIPLY BY FRACTIONS
11. MULTIPLY FRACTIONS
12. MULTIPLY MIXED NUMBERS
13. DIVIDE FRACTIONS
14. WORD PROBLEMS

# DIGITAL & PRINTABLE

## Recording booklet

Want to go completely paperless? Have students use the Google Form option **OR** the digital recording booklet in Google Slides!

digital



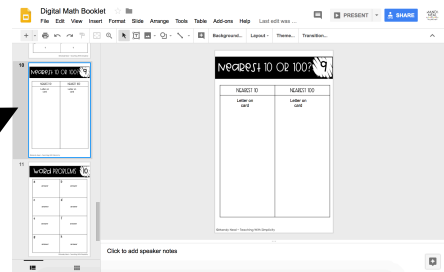
Google Form Recording Sheet



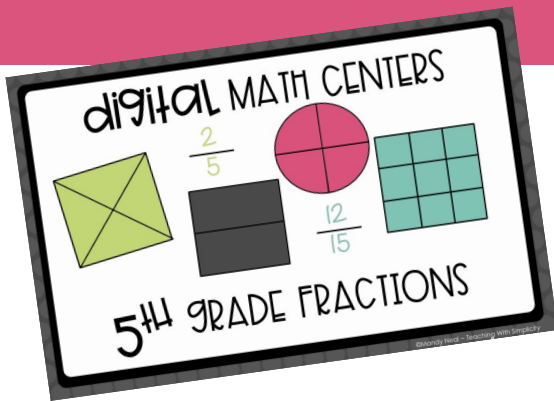
PRINTABLE

The printable recording booklet is designed to print two-sided. So, if you choose to use the printable, the booklet only uses 3 pieces of paper!

Google Slides



# a GLIMPSE INSIDE



Match each fraction to its decimal. Record the letter of each puzzle piece in your math booklet.

0.04	0.5	0.75	0.8	0.82	0.9	0.25
$\frac{1}{2}$	$\frac{8}{10}$	$\frac{3}{4}$	$\frac{3}{25}$	$\frac{2}{50}$	$\frac{1}{4}$	$\frac{13}{25}$

**FRACTIONS AS DECIMALS**

Identify and match the lowest common multiple for each pair of numbers. Record the letter of the lowest common multiple in your math booklet.

16	28	4, 22	6, 24	3, 4
10	48	16, 24	28, 6	8, 16
21	84	7, 3	9, 11	7, 12
20	44	4, 5	2, 10	4, 28

**LOWEST COMMON MULTIPLE**

Theodora spent  $1\frac{1}{12}$  hour on the computer. Ava spent  $2\frac{1}{12}$  hour on the computer. How much more time did Theodora spend on the computer than Ava?

12 inches is the width of Josiah's bedroom if it is  $2\frac{1}{6}$  feet less than the length.

Discard here

**WORD PROBLEMS**

Match the sum to each expression. Record the letter of each sum in your math booklet.

$10\frac{1}{4} + 7\frac{2}{3}$	$2\frac{2}{3} + 8\frac{5}{7}$
$3\frac{5}{7} + 2\frac{2}{7}$	$4\frac{2}{7} + 6\frac{2}{7}$
$2\frac{7}{8} + 3\frac{1}{4}$	$4\frac{7}{8} + 1\frac{3}{8}$
$1\frac{4}{7} + 3\frac{3}{4}$	$10\frac{6}{11} + 1\frac{3}{4}$
$8\frac{1}{2} + 8\frac{2}{5}$	$7\frac{3}{8} + 4\frac{7}{10}$

**ADDING MIXED NUMBERS**

Move the fractions to order them from least to greatest. Record the fractions in your math booklet.

$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{11}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$
$\frac{2}{5}$	$\frac{7}{7}$	$\frac{3}{9}$	$\frac{1}{3}$	$\frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{4}$

**ORDERING FRACTIONS**

Look at each fraction. Sort each fraction by if it is simplest form or not in simplest form. Record the letter of each sort in your math booklet.

$\frac{4}{6}$	$\frac{2}{3}$
$\frac{3}{6}$	$\frac{8}{10}$
$\frac{6}{3}$	$\frac{1}{2}$
$\frac{6}{4}$	$\frac{3}{4}$
$\frac{2}{10}$	$\frac{7}{10}$

**SIMPLEST FORM**      **NOT SIMPLEST FORM**

**SIMPLEST FORM**

Match each expression to its product. Record the letter of each puzzle piece in your math booklet.

$2\frac{3}{4} \times \frac{1}{4}$	$1\frac{8}{10} \times 3\frac{2}{5}$
$3\frac{2}{3} \times 2\frac{2}{3}$	$1\frac{2}{3} \times \frac{9}{10}$
$3\frac{2}{3} \times 1\frac{7}{10}$	$3\frac{1}{2} \times \frac{3}{4}$
$3\frac{2}{3} \times \frac{1}{4}$	$3\frac{1}{2} \times 2\frac{1}{4}$

**MULTIPLY MIXED NUMBERS**

Match the sum to each expression. Record the letter of each sum in your math booklet.

$\frac{1}{4} + \frac{7}{8}$	$\frac{9}{10} + \frac{1}{5}$
$\frac{4}{12} + \frac{8}{6}$	$\frac{7}{4} + \frac{1}{2}$
$\frac{5}{6} + \frac{2}{6}$	$\frac{1}{3} + \frac{1}{4}$
$\frac{1}{3} + \frac{1}{6}$	$\frac{6}{4} + \frac{1}{3}$
$\frac{2}{4} + \frac{4}{11}$	$\frac{2}{6} + \frac{5}{6}$

**ADDING FRACTIONS**

Match each expression to its product. Record the letter of each puzzle piece in your math booklet.

$2\frac{2}{5} \times \frac{2}{3}$	$\frac{9}{10} \times \frac{3}{10}$	$\frac{1}{2} \times \frac{4}{8}$
$10\frac{3}{4} \times \frac{1}{4}$	$0\frac{2}{3} \times \frac{1}{10}$	$\frac{2}{2} \times \frac{5}{7}$
$\frac{10}{10} \times \frac{5}{10}$	$\frac{14}{4} \times \frac{5}{6}$	$\frac{1}{2} \times \frac{1}{3}$

**MULTIPLY FRACTIONS**

Look at each set of fractions. Sort each set of fractions on whether the first fraction is less than, equal to, or greater than the second fraction. Record the letter of each sort in your math booklet.

$\frac{4}{1}$	$\frac{2}{2}$
$\frac{4}{6}$	$\frac{4}{6}$
$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{2}$
$\frac{2}{5}$	$\frac{2}{5}$
$\frac{3}{6}$	$\frac{3}{6}$
$\frac{1}{2}$	$\frac{1}{2}$

**LESS THAN**      **EQUAL TO**      **GREATER THAN**

**COMPARE FRACTIONS**

Match the difference to each expression. Record the letter of each difference in your math booklet.

$\frac{2}{3} - \frac{1}{6}$	$\frac{12}{10} - \frac{5}{8}$
$\frac{2}{3} - \frac{1}{3}$	$\frac{3}{6} - \frac{1}{3}$
$\frac{8}{12} - \frac{1}{6}$	$\frac{20}{25} - \frac{1}{5}$
$\frac{8}{11} - \frac{2}{4}$	$\frac{2}{4} - \frac{1}{4}$
$\frac{1}{3} - \frac{1}{6}$	$\frac{8}{20} - \frac{1}{6}$

**SUBTRACTING FRACTIONS**

Spin a spinner to find your missing number. Drag your number into the equation. Record the number you spin AND the product of the expression in your math booklet.

$\frac{1}{2} \times \frac{7}{2}$	$\frac{1}{5} \times \frac{1}{5}$	$\frac{1}{10} \times \frac{1}{10}$	$\frac{2}{4} \times \frac{1}{2}$
$\frac{1}{2} \times \frac{4}{2}$	$\frac{1}{2} \times \frac{2}{2}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{2}{4} \times \frac{1}{2}$
$\frac{1}{2} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{2}{2}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{2}{4} \times \frac{1}{2}$
$\frac{1}{2} \times \frac{2}{2}$	$\frac{1}{2} \times \frac{3}{2}$	$\frac{1}{2} \times \frac{3}{2}$	$\frac{2}{4} \times \frac{1}{2}$

**MULTIPLY BY FRACTIONS**

Spin a spinner to find your missing number. Drag your number into the equation. Record the number you spin AND the quotient of the expression in your math booklet.

$\frac{1}{10} \div \frac{3}{8}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{2}{4} \div \frac{1}{2}$
$\frac{1}{10} \div \frac{2}{3}$	$\frac{1}{10} \div \frac{2}{3}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{2}{4} \div \frac{1}{2}$
$\frac{1}{10} \div \frac{1}{10}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{2}{4} \div \frac{1}{2}$
$\frac{1}{10} \div \frac{1}{10}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{1}{10} \div \frac{1}{10}$	$\frac{2}{4} \div \frac{1}{2}$

**DIVIDE FRACTIONS**

Identify and match the greatest common factor for each pair of numbers. Record the letter of the greatest common factor in your math booklet.

8	12, 26	30, 40	30, 40
10	11, 22	35, 28	22, 44
11	21, 15	27, 9	30, 5
2	45, 30	30, 6	16, 4

**GREATEST COMMON FACTORS**

# Digital Math Centers

## The Why

I LOVE all things pretty, including task cards, math centers, and interactive notebooks for that matter. I have created all of the above and even purchased them as well. What I fail to do is print them as they were made and laminate them to keep from year to year. It's a lot of work. I start, but end up getting behind and fail to complete my task at hand. My school district went 1:1 with technology last year, so I thought, why not create all these pretty math centers that don't need printed, laminated, cut out, and stored. Make them digital!

Please note: Even if you are 1:1 in the classroom, you CAN still make these work!!!! A blog post will be coming soon on just this!

## How they Work

Technically, you don't need Google Classroom to access these math centers. You simply need a Google account so that you can access the slides within Google Slides. We are a Google school, so it's extremely easy to share the files with students within Google Classroom.

A PowerPoint version is also included if you're offline!

The centers are ordered in the order that they would typically be taught. They do not need to be played in the order that they are provided, it's more of a guide.

# Digital Math Centers

You can provide all centers to students to complete in the order of their choice, or you can even create your own order. How? Here are some options:

1. The slides are movable. You can order them in the order that you want students to complete them.
2. Make multiple copies of the file, delete all the slides but the center that you want them to complete, and save it as the center name. That way, students are only provided with the center that they must complete.

## Digital Recording Math Booklet

If you want to go 100% paperless, there is a digital version of the recording booklet.

## Google Forms

A Google Form is provided for students to record their answer on as well. Each center has it's own form.

\*Please note, there are some instances where a Google Form was not an option due to the answer that students were to provide.

## Printable Recording Math Booklet

Students record their responses in the math booklet. I have created the booklet so that they can be copied front and back, minimizing the amount of paper used!

How to print: Print the pages front to back in the order that they are provided in. Staple the book on the side in order to keep pages together.