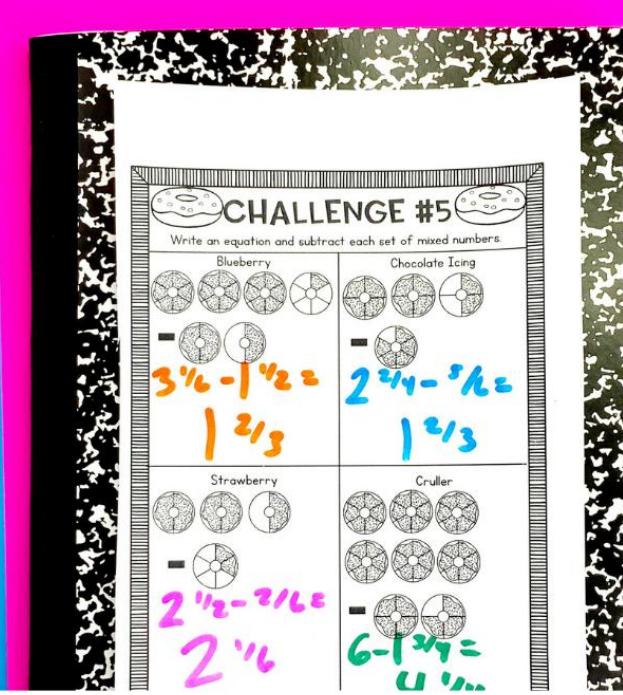


# WHAT IS THIS?

It's a low-prep room transformation!



Use the 10 math challenges, included decor, and more for a fun & easy room transformation!



Simply print the academic challenges, put up a few included decor items, and you're ready for a great day!

Room transformations can be stress-free and low-prep.

Keep scrolling to learn how!

# Let's start with the basics...

## What is a classroom transformation?

A classroom transformation changes your room into a certain setting or theme to engage students in their own learning with rigorous content.



Donut Shop Day



Rock Star Day



Camping Day

You don't have to spend hours of your time setting up a room transformation or spend lots of money to make it **SO MUCH FUN!**

# STEP 1:

Tell your class they are working in a donut shop today!

They will practice adding and subtracting mixed numbers in activities set up around the room. You can do this for a day, a few days, or over the course of a week!



Flexibility is key.

Need to modify? No problem!

Choose how many centers students will need to complete and what time frame they have to meet YOUR needs.



Set-up is quick and easy.

Simply print the posters, 10 activities, and a recording sheet for each student. Place them around your room and you're ready to begin!



# STEP 2:

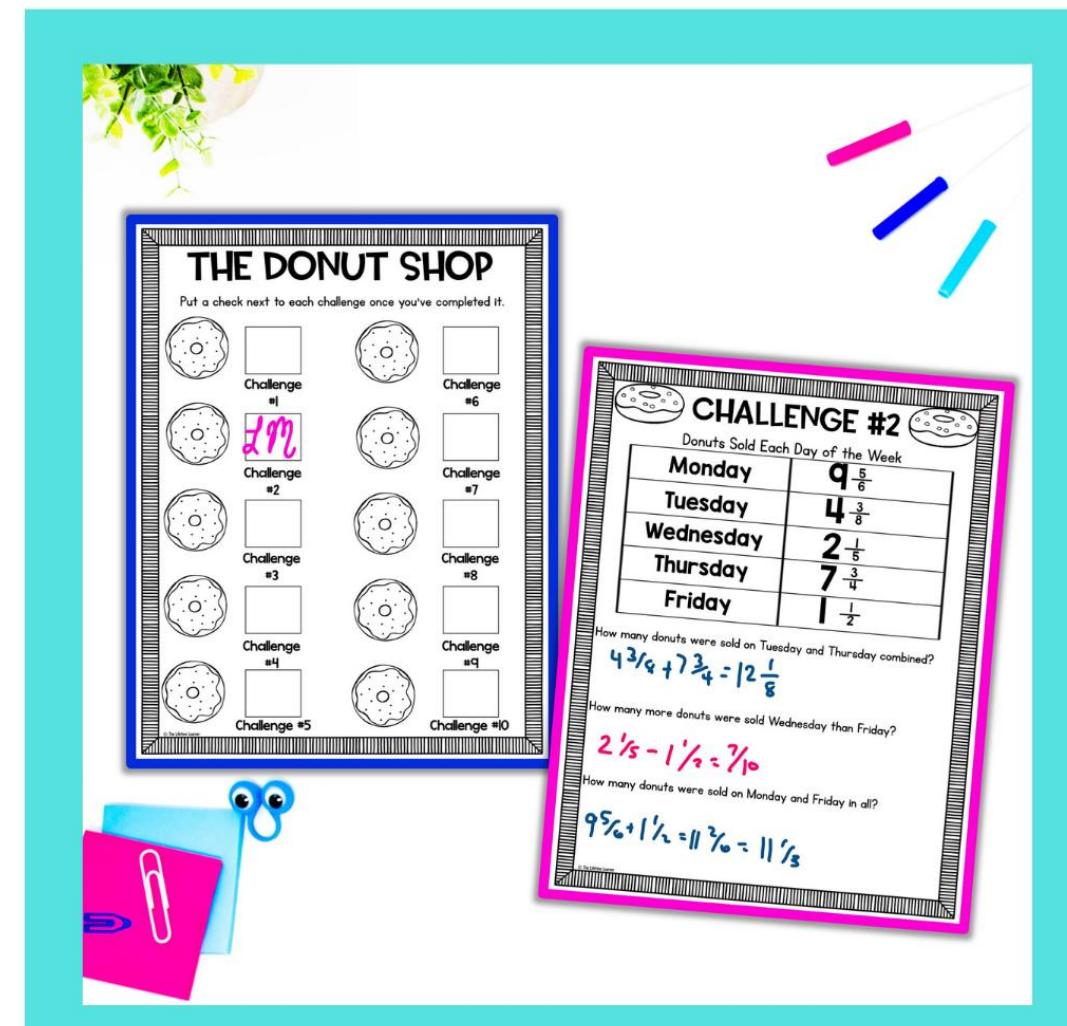
Let students move around the room and complete each center. They can be completed in any order. All centers include practicing adding and subtracting mixed numbers.

## Optional Recording Sheet

When a student finishes a center, you sign that spot on their recording sheet to keep track of what they've completed.

## Freedom to choose.

Students can work in partners, rotations, groups, or independently. Your choice!



# STEP 3:

When students finish all activities you've assigned, they win! You can give them the included certificate, coloring page, or a small prize of your choice.

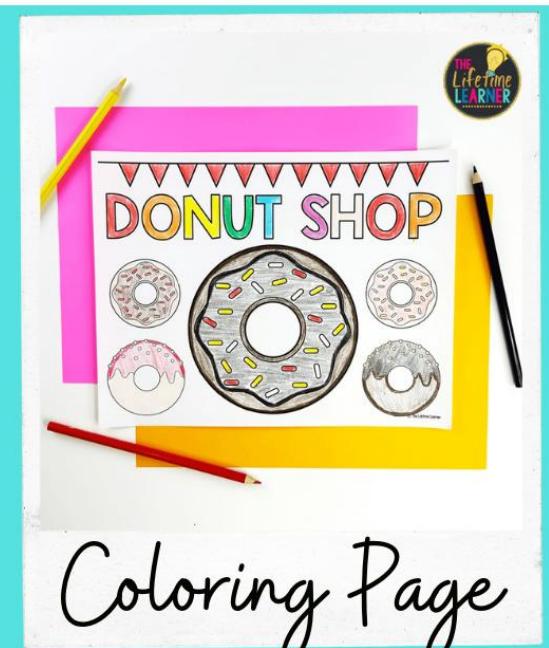
A shopping guide is also included to give you suggestions of optional "extras" you could add in.

## Remember:

Anything different from a "normal" day in the classroom is special to students! A reward at the end isn't required during a classroom transformation.



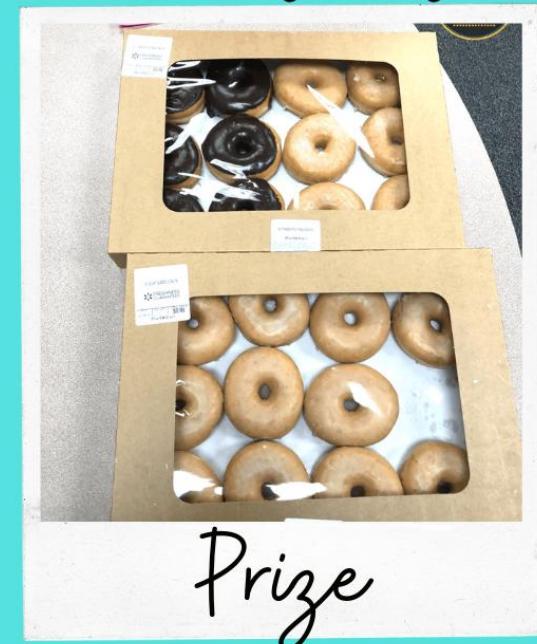
Certificate



Coloring Page



In Action Pic



Prize

# STEP 4:

Most of the time, there are early finishers. These kiddos get to go around the room and read fun facts about the topic! No one is ever bored.



**Choose from 3 versions!**

**Digital Scavenger Hunt**

Let students "find" the facts on Google Slides

1

**Printable Facts**

2

Hang facts around room

3

**QR Codes**

Students scan to read fun facts

# THE CONTENT:

10 themed math challenges  
aligned to math standards

**CHALLENGE #8**

Figure out the mixed number that goes in each blank.

$7\frac{3}{4} - \square = 4\frac{1}{2}$	$2\frac{1}{2} + \square = 6\frac{1}{3}$
$\square + 1\frac{3}{4} = 9$	$\square - 7\frac{1}{2} = 3\frac{4}{5}$
$4\frac{2}{5} - \square = 2\frac{6}{10}$	$\square + 5\frac{3}{8} = 8\frac{5}{6}$

**CHALLENGE #9**

Each kid had a certain amount of donuts but they ate some! Tell what fraction of donuts each person still has left!

$2\frac{2}{3} - 1\frac{1}{6} =$ Luciana	$5\frac{3}{6} - 2\frac{1}{3} =$ Alejandro
$3\frac{3}{4} - \frac{1}{2} =$ Alma	$4\frac{1}{2} - 3\frac{1}{4} =$ Darnell
$4\frac{5}{6} - 3\frac{2}{3} =$ Joanna	$4\frac{1}{3} - 1\frac{1}{6} =$ Dustin
$4 - 1\frac{1}{2} =$ Lakiah	$6\frac{1}{4} - 4\frac{1}{2} =$ Malik

**CHALLENGE #5**

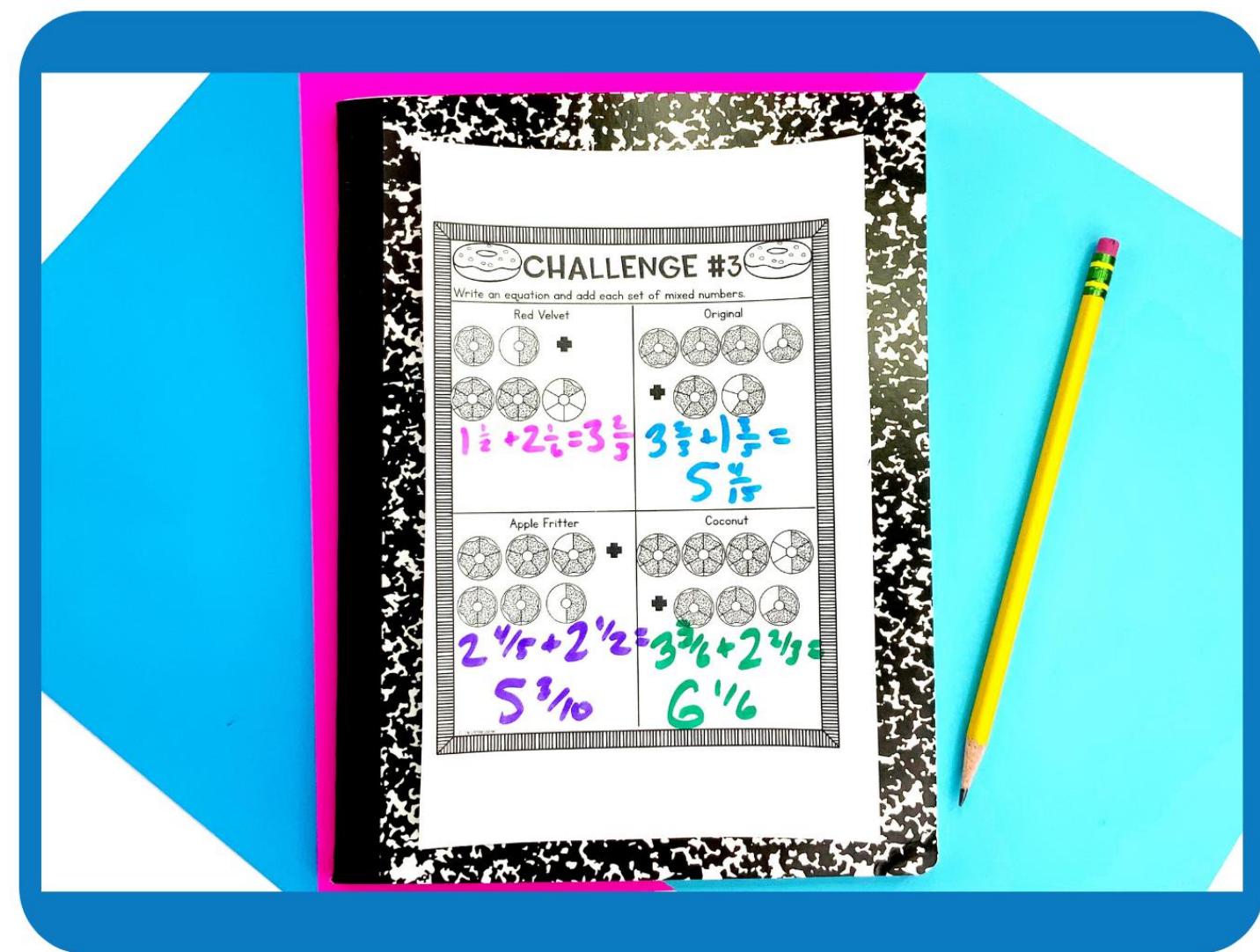
Write an equation and subtract each set of mixed numbers.

Blueberry	Chocolate Icing
$- \square$	$- \square$
Strawberry	Cruller
$- \square$	$- \square$

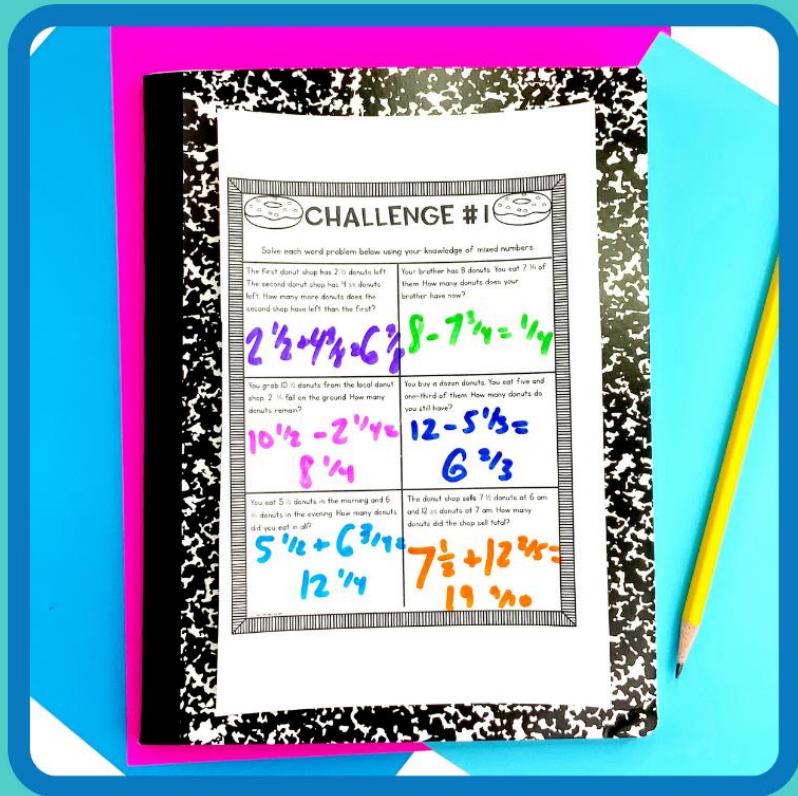
# HOW TO USE THIS:

## Ideas for Implementation:

- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread the room transformation out over a couple of days



# PRINT & DIGITAL



**CHALLENGE #1**

Solve each word problem below using your knowledge of mixed numbers.

The first donut shop has  $2\frac{1}{2}$  donuts left. The second donut shop has  $4\frac{1}{2}$  donuts left. How many more donuts does the second shop have left than the first?

$$2\frac{1}{2} + 4\frac{1}{2} = 6\frac{1}{2}$$

Your brother has 8 donuts. You eat  $7\frac{1}{2}$  of them. How many donuts does your brother have now?

$$8 - 7\frac{1}{2} = \frac{1}{2}$$

You grab  $10\frac{1}{2}$  donuts from the local donut shop.  $2\frac{1}{2}$  fall on the ground. How many donuts remain?

$$10\frac{1}{2} - 2\frac{1}{2} = 8\frac{1}{2}$$

You buy a dozen donuts. You eat five and one-third of them. How many donuts do you still have?

$$12 - 5\frac{1}{3} = 6\frac{2}{3}$$

You eat  $5\frac{1}{2}$  donuts in the morning and  $6\frac{1}{2}$  donuts in the evening. How many donuts did you eat in all?

$$5\frac{1}{2} + 6\frac{1}{2} = 12$$

The donut shop sells  $7\frac{1}{2}$  donuts at 6 am and  $12\frac{1}{2}$  donuts at 7 am. How many donuts did the shop sell total?

$$7\frac{1}{2} + 12\frac{1}{2} = 19$$

Print & Go

Google Slides

Choose the format  
that works best for you!

# Every activity relates to real-life mathematics!

**CHALLENGE #1**  
You start the day with 20 donuts. A teacher comes in and buys 7  $\frac{3}{4}$ . How many do you have now?

**CHALLENGE #2**  
Donuts Sold Each Day of the Week

Day	Donuts Sold
Monday	9 $\frac{5}{6}$
Tuesday	4 $\frac{3}{8}$
Wednesday	2 $\frac{1}{5}$
Thursday	7 $\frac{3}{4}$
Friday	1 $\frac{1}{2}$

How many donuts were sold on Tuesday and Thursday?

**CHALLENGE #3**  
Solve each word problem below using your knowledge of mixed numbers.

The first donut shop has  $2 \frac{1}{2}$  donuts left. The second donut shop has  $4 \frac{3}{8}$  donuts left. How many more donuts does the second shop have left than the first?

Your brother has  $9 \frac{1}{3}$  donuts. He gives you  $3$  donuts. How many brother have now?

**CHALLENGE #4**  
You're taking inventory of how many of each type of donut your shop has. Please glue the donut types in the correct spot.

Donut Type	Count
Chocolate	9 $\frac{1}{3}$
Glazed	3
Jelly	0
Maple	$4 \frac{5}{8}$
Sprinkle	$1 \frac{1}{2}$

**CHALLENGE #5**  
Write an equation and subtract each set of mixed numbers.

Blueberry:  $1 \frac{1}{2} - 5 \frac{3}{4} =$

Chocolate:  $2 \frac{1}{2} - 2 \frac{1}{2} =$

**CHALLENGE #6**  
Chocolate donuts,  $3 \frac{3}{4}$  glazed donuts, 0 jelly donuts,  $2 \frac{2}{6}$  maple donuts, and  $1 \frac{1}{2}$  sprinkle donuts.

**CHALLENGE #7**  
Figure out the mixed number that goes in each blank.

7 $\frac{3}{4}$	$\square$	-	4 $\frac{1}{2}$	$\square$	+	2 $\frac{1}{2}$	$\square$	-	6 $\frac{1}{2}$
-----------------	-----------	---	-----------------	-----------	---	-----------------	-----------	---	-----------------

**CHALLENGE #8**  
Figure out the mixed number that goes in each blank.

7 $\frac{3}{4}$	$\square$	-	4 $\frac{1}{2}$	$\square$	+	2 $\frac{1}{2}$	$\square$	-	6 $\frac{1}{2}$
-----------------	-----------	---	-----------------	-----------	---	-----------------	-----------	---	-----------------

**CHALLENGE #9**  
A kid had a certain amount of donuts but they ate some! What fraction of donuts each person still has left!

1 $\frac{1}{2}$	$\square$	-	5 $\frac{3}{4}$	$\square$	-	2 $\frac{1}{2}$	$\square$	-	1 $\frac{1}{2}$
-----------------	-----------	---	-----------------	-----------	---	-----------------	-----------	---	-----------------

**focuses on:**  
**adding & subtracting**  
**mixed numbers**

## CHALLENGE #1

Solve each word problem below using your knowledge of mixed numbers.



The first donut shop has  $2\frac{1}{2}$  donuts left. The second donut shop has  $4\frac{1}{2}$  donuts left. How many more donuts does the second shop have left than the first?

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

Your brother has 8 donuts. You eat  $7\frac{3}{4}$  of them. How many donuts does your brother have now?

$$8 - 7\frac{3}{4} = \frac{1}{4}$$

You grab  $10\frac{1}{2}$  donuts from the local donut shop.  $2\frac{1}{2}$  fall on the ground. How many donuts remain?

$$10\frac{1}{2} - 2\frac{1}{4} = 8\frac{1}{4}$$

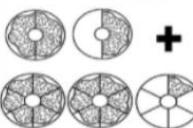
You buy a dozen donuts. You eat five and one-third of them. How many donuts do you still have?

$$12 - 5\frac{1}{3} = 6\frac{2}{3}$$

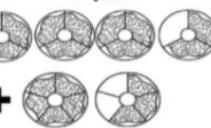
## CHALLENGE #3

Write an equation and add each set of mixed numbers.

Red Velvet

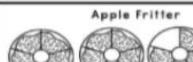


Original



$$1\frac{1}{2} + 2\frac{1}{6} = 3\frac{4}{6} = 3\frac{2}{3}$$

$$3\frac{2}{3} + 1\frac{3}{5} = 5\frac{4}{15}$$



Coconut



## CHALLENGE #2

Donuts Sold Each Day of the Week

Monday	$9\frac{5}{6}$
Tuesday	$4\frac{3}{8}$
Wednesday	$2\frac{1}{5}$
Thursday	$7\frac{3}{4}$
Friday	$1\frac{1}{2}$



How many donuts were sold on Tuesday and Thursday combined?

$$4\frac{3}{8} + 7\frac{3}{4} = 12\frac{1}{8}$$

How many more donuts were sold Wednesday than Friday?

## CHALLENGE #4

You're taking inventory of how many of each type of donut your shop has. Please glue the donut types in the correct spot.

$$9\frac{1}{3}$$
  $5\frac{5}{6} + 3\frac{1}{2}$   $1\frac{1}{2} + 1\frac{2}{4}$   $3$

$$7\frac{5}{12}$$
  $2\frac{2}{3} + 4\frac{3}{4}$   $5\frac{7}{8} + 2\frac{2}{4}$   $8\frac{3}{8}$

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

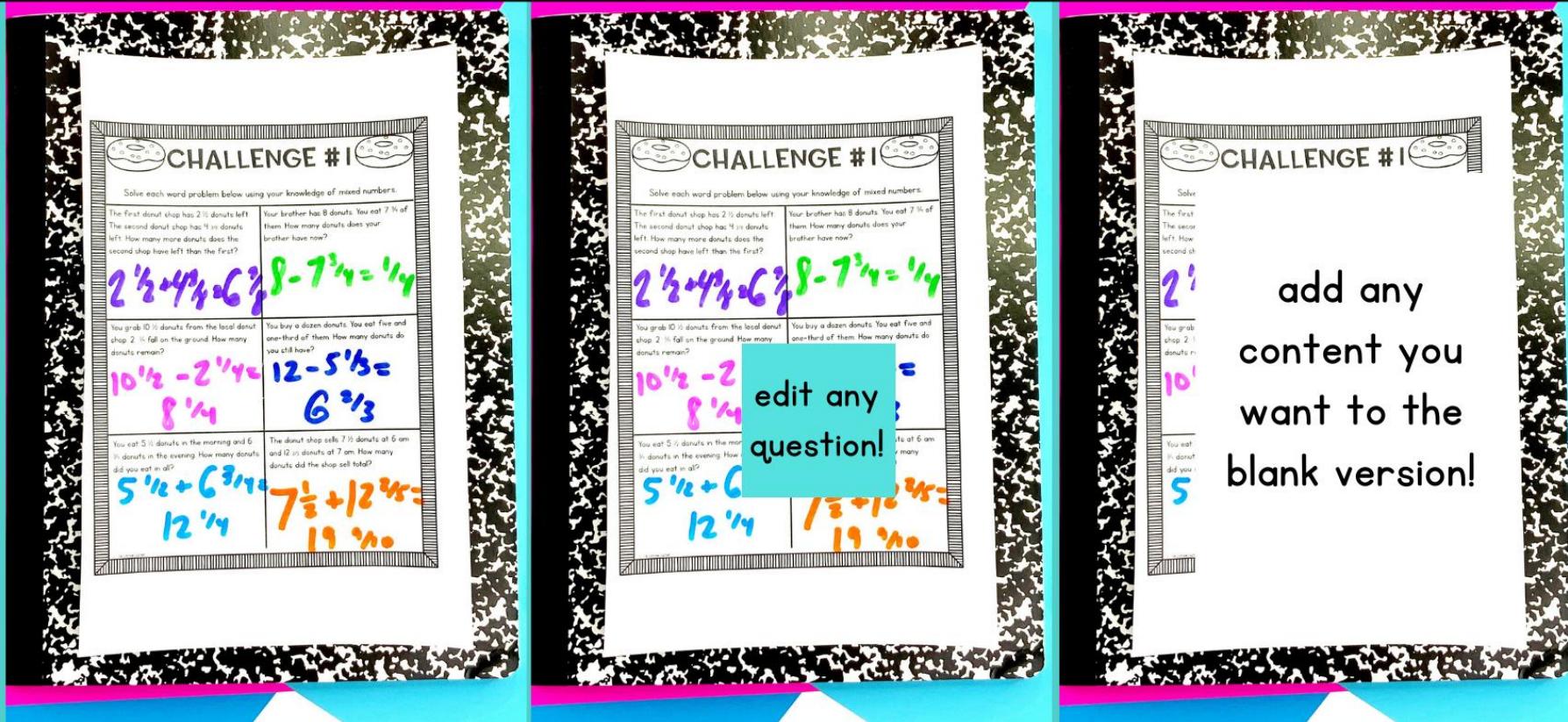


Drag each number sentence below where it belongs.

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

# Digital Version: Google Slides

# Questions are 100% editable!



10 Pre-Made Challenges:  
Print & Go

10 Pre-Made Challenges:  
Editable Version

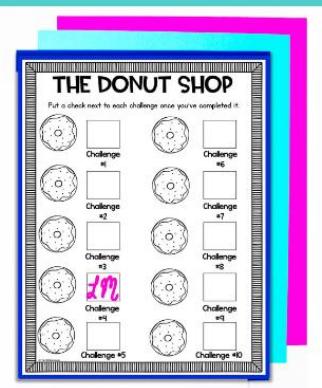
10 Blank Challenges  
To Add Your Own Content

# 3 Versions Included

# WHAT'S INCLUDED?



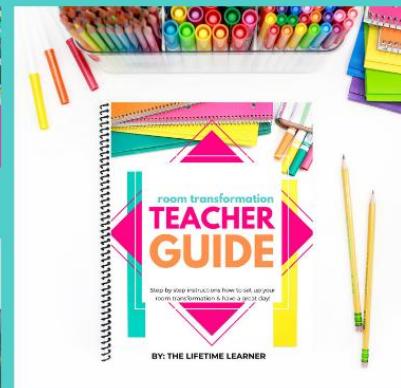
10 Color  
& B/W Posters



Recording  
Sheets



Blog Post  
Ideas



Teacher  
Guide



Door Decor



Printable  
Hats



Name  
Tags



Coloring  
Page



Folder  
Insert



Decor  
Posters

keep scrolling to see more!

# WHAT'S INCLUDED?



Welcome  
Slide



Editable  
Versions



Banner



Certificate



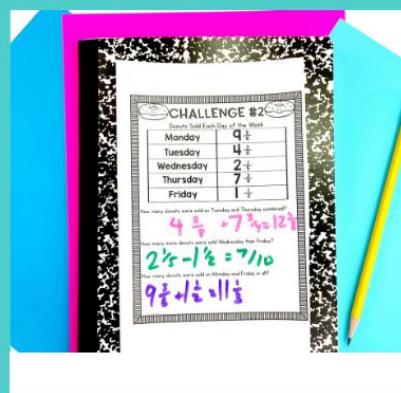
Shopping  
Guide



Admission  
Tickets



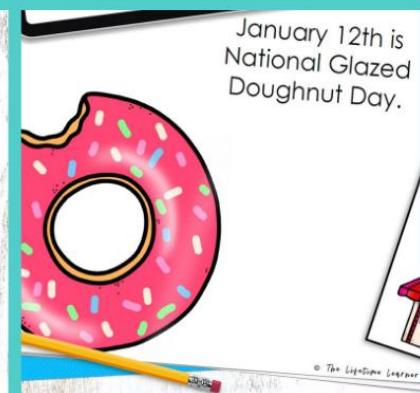
Digital  
Version



Answer  
Keys



QR Codes

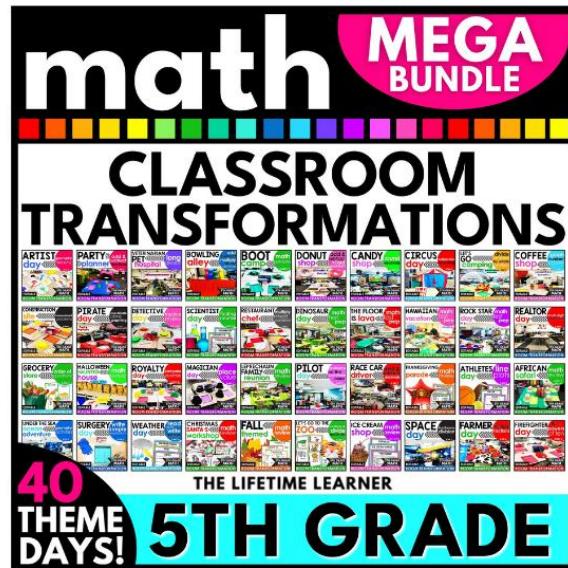
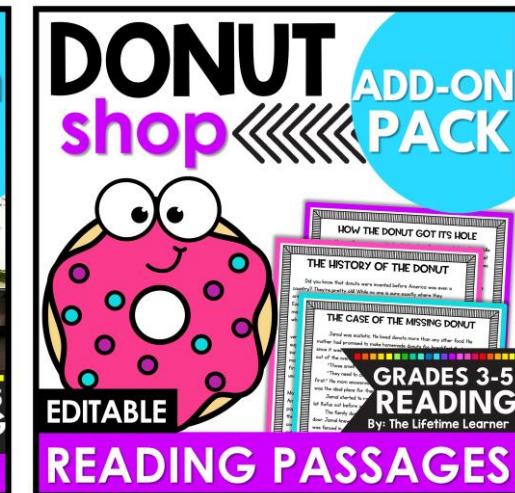


Fun Facts

**jam-packed with fun, rigor, and engagement!**

# other resources this pairs well with:

Differentiate by grabbing math for multiple grade levels!



When you purchase a Mega Bundle, you save 50% off the price of the individual resources!



# classroom transformations

## low prep, fun, and engaging!



1st grade math



2nd grade math



3rd grade math



4th grade math



5th grade math



kindergarten math

## K-5 MATH & READING



kindergarten reading



1st grade reading



2nd grade reading



GR 3-5 reading comprehension



3-5 reading add -on packs

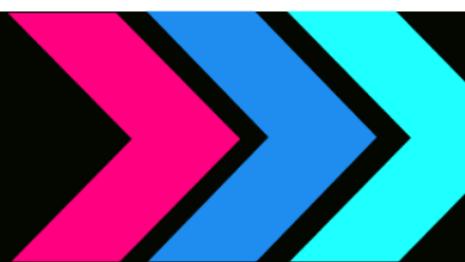


alphabet letters

# THE LIFETIME LEARNER'S CLASSROOM TRANSFORMATIONS ARE:

1. Engaging to Students
2. Classroom Tested (and Student-Approved)
3. Print and Digital Compatible
4. Jam-Packed with Content
5. Aligned to Math Standards
6. Easy to Implement
7. Flexible for Every Classroom
8. Versatile Ways to Reward Students
9. Rigorous Student Learning Activities

All content is included so you can simply print  
and get ready for an AMAZING experience  
with your students!



# Please Note:

- **There are 10 math challenges provided as well as décor, a fast finisher activity, and additional extras.**
- **The digital version is provided in Google Slides.**
- **Nervous about trying your first room transformation? You'll be hooked once you try one! I promise!**
- **Feel free to contact me if you have questions or want to chat about room transformations. You can email me at**  
**[lindsaythelifetimelearner@gmail.com](mailto:lindsaythelifetimelearner@gmail.com)**