

# WELCOME!

I'm so glad you're here!

Hi there! My name is Aly, but my favorite people call me Mrs. Franklin! I am a middle school resource room teacher in Michigan. I spend my time teaching special education math intervention classes, cotaught math intervention classes, and coteaching 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade math classes!

My goal with creating Middle School in the Mitten was to share engaging and time saving resources and ideas with busy, world changing teachers like you! All of the activities that are found in my Teachers Pay Teachers store were created for and used with my own students. In fact, I began my TPT journey in 2017, when I shared my first few sets of digital task cards that I was creating for my caseload students!

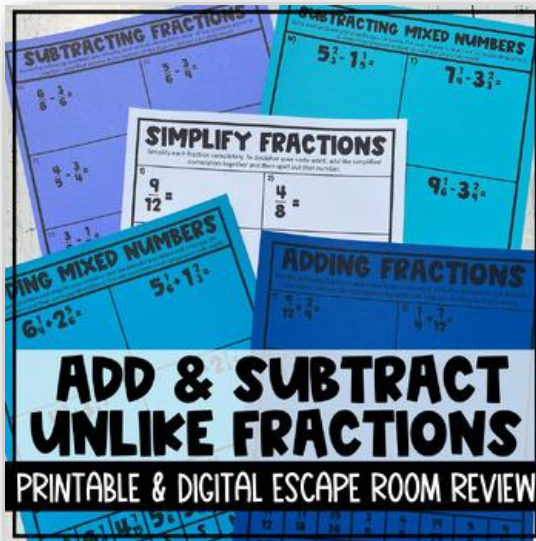
Thank you for your download and support! I created this pretest to assess my students on their fraction knowledge. Based on the results, I adjust my level of review before we get into fraction standards. Some years, they need a lot of reteaching!

If you have any questions, please feel free to send me an email at [middleschoolinthemitten@gmail.com](mailto:middleschoolinthemitten@gmail.com), and I will try my best to help!

- Aly

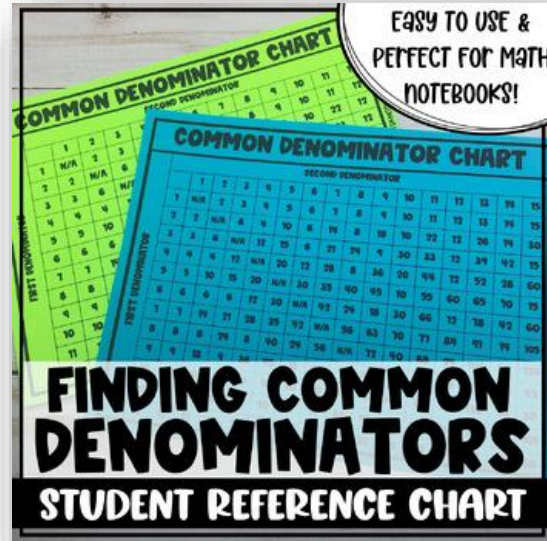
# OTHER RESOURCES YOU'LL LOVE!

There are so many engaging activities that will make your classroom shine! Click on the pictures below to check out more of my students' favorites!



ADD & SUBTRACT UNLIKE FRACTIONS  
PRINTABLE & DIGITAL ESCAPE ROOM REVIEW

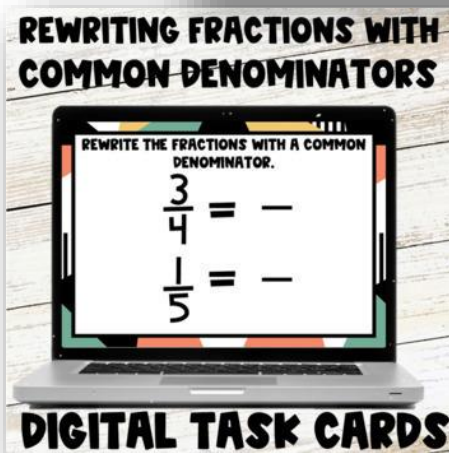
This resource includes several worksheets for practicing fraction operations. Visible titles include "SUBTRACTING FRACTIONS", "SUBTRACTING MIXED NUMBERS", "SIMPLIFY FRACTIONS", "ADDING MIXED NUMBERS", and "ADDING FRACTIONS". The "SIMPLIFY FRACTIONS" sheet includes instructions: "Simplify each fraction completely. Do another one with your partner, with the simplified fractions together and then repeat with that number." Examples shown are  $\frac{9}{12} = \frac{3}{4}$  and  $\frac{4}{8} = \frac{1}{2}$ .



FINDING COMMON DENOMINATORS  
STUDENT REFERENCE CHART

EASY TO USE & PERFECT FOR MATH NOTEBOOKS!

This is a grid-based reference chart for finding common denominators. It lists numbers 1 through 100 in the first column and common denominators (2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 24, 30, 40, 60, 80, 100) in the first row. The grid cells contain the least common multiple (LCM) of the number and the denominator. A callout bubble says "EASY TO USE & PERFECT FOR MATH NOTEBOOKS!".



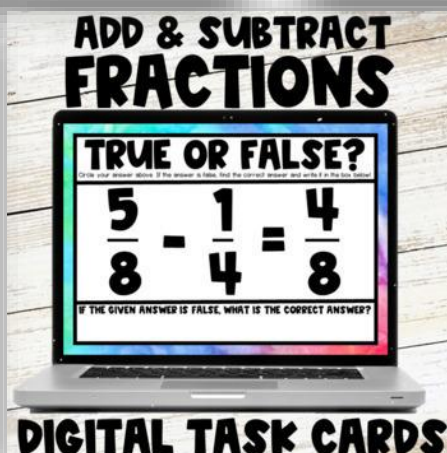
REWRITING FRACTIONS WITH COMMON DENOMINATORS

DIGITAL TASK CARDS

REWRITE THE FRACTIONS WITH A COMMON DENOMINATOR.

$$\frac{3}{4} = \frac{\quad}{\quad}$$
$$\frac{1}{5} = \frac{\quad}{\quad}$$

This digital task card shows a laptop screen with the instruction "REWRITE THE FRACTIONS WITH A COMMON DENOMINATOR." and two fraction equations to be completed.



ADD & SUBTRACT FRACTIONS


TRUE OR FALSE?

DIGITAL TASK CARDS

$$\frac{5}{8} - \frac{1}{4} = \frac{4}{8}$$

IF THE GIVEN ANSWER IS FALSE, WHAT IS THE CORRECT ANSWER?

This digital task card shows a laptop screen with the title "ADD & SUBTRACT FRACTIONS" and a "TRUE OR FALSE?" question. The equation  $\frac{5}{8} - \frac{1}{4} = \frac{4}{8}$  is displayed, followed by the instruction "IF THE GIVEN ANSWER IS FALSE, WHAT IS THE CORRECT ANSWER?".

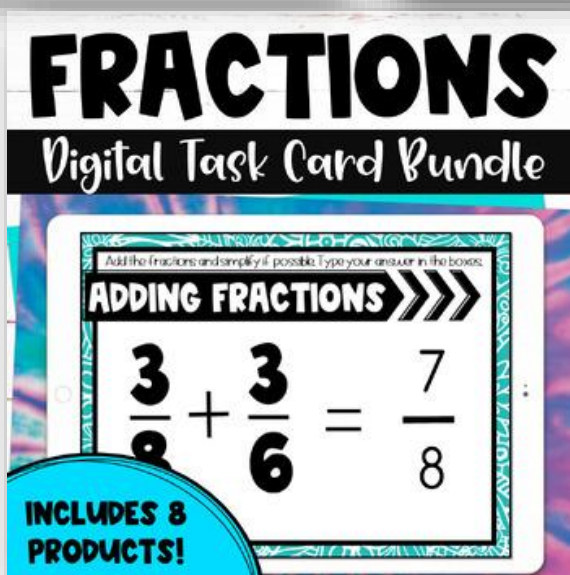


ADD & SUBTRACT FRACTIONS

DIGITAL PIXEL ART MYSTERY PICTURE

INCLUDES LIKE & UNLIKE DENOMINATOR VERSIONS

This resource features a digital pixel art mystery picture of a brown dog. The title "ADD & SUBTRACT FRACTIONS" is prominently displayed. A callout bubble indicates "INCLUDES LIKE & UNLIKE DENOMINATOR VERSIONS".



FRACTIONS

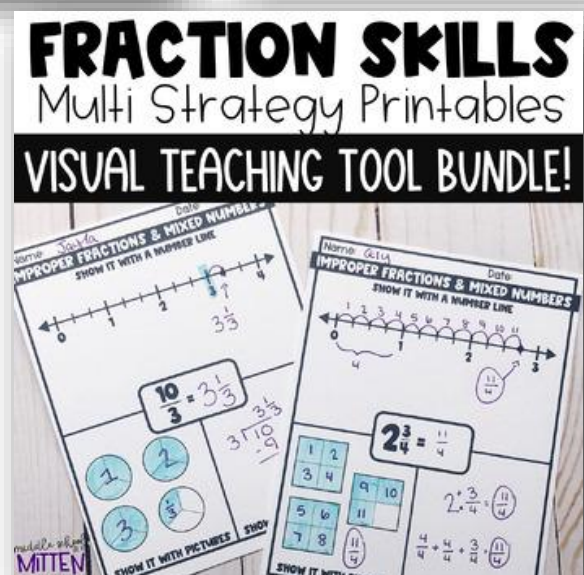
Digital Task Card Bundle

ADDING FRACTIONS

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

INCLUDES 8 PRODUCTS!

This bundle features a digital task card with the title "FRACTIONS" and "Digital Task Card Bundle". The main activity is "ADDING FRACTIONS" with the equation  $\frac{3}{2} + \frac{3}{6} = \frac{7}{8}$ . A callout bubble says "INCLUDES 8 PRODUCTS!".



FRACTION SKILLS

Multi Strategy Printables

VISUAL TEACHING TOOL BUNDLE!

This bundle includes several visual teaching tools for fraction skills. One page shows "IMPROPER FRACTIONS & MIXED NUMBERS" with a number line from 0 to 4 and a point at  $\frac{10}{3}$  labeled  $3\frac{1}{3}$ . Another page shows a similar number line with a point at  $\frac{11}{4}$  labeled  $2\frac{3}{4}$ . A third page shows a grid with numbers 1-12 and a fraction  $2\frac{3}{4} = \frac{11}{4}$ . A callout bubble says "INCLUDES 8 PRODUCTS!".

# FRACTION PRETEST

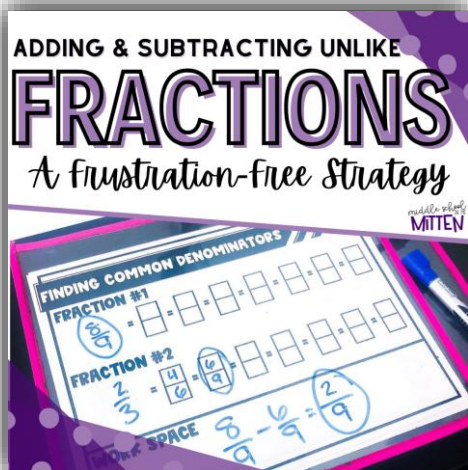
how I use it in my classroom!

Each year, I find myself needing to spend a ton of time reteaching my middle school students about fractions – what they represent, finding equivalent fractions, how to simplify fractions, and all of the fraction operations. They've learned these things before, but don't recall them well enough to build off of. I use this pretest to get a baseline on what my students know and understand about fractions, so I know where to start my review and where I need to spend more time and attention!

Sometimes, I only give a few pages of the screener instead of all of them, depending on what I really want to assess. Feel free to skip some pages or problems if your students aren't ready for them!

I prefer printed assessments, like this one, over digital ones, because I learn so much from my students' work! I analyze each pretest to see where students are making errors, and what partial understanding they have.

Learn about more tips & tricks for your fraction unit on the blog!



I have more tips, tricks, and freebies to support busy, world-changing teachers like you at [MiddleSchoolintheMitten.com](https://www.MiddleSchoolintheMitten.com)!

Name:

Date:

# FRACTION SKILL PRETEST

Answer the following questions to the best of your ability.

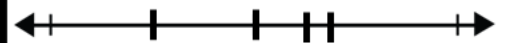
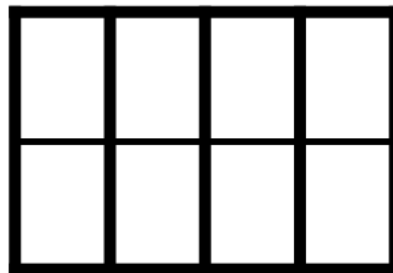
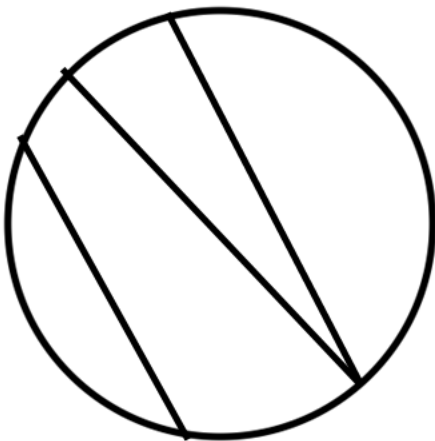
What is the numerator? What does a numerator tell you or mean?

What is the denominator? What does a denominator tell you or mean?

Write a fraction below with a numerator of 2 and a denominator of 7.

Write a fraction below with a denominator of 8 and a numerator of 3.

Which of these shapes could you use to show a fraction?  
Say yes or no for each shape.



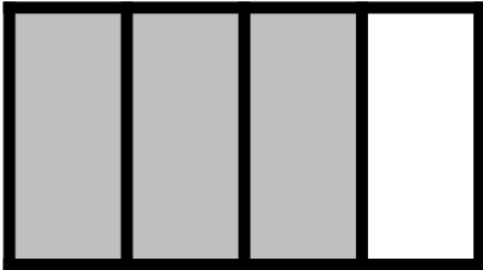
Name:

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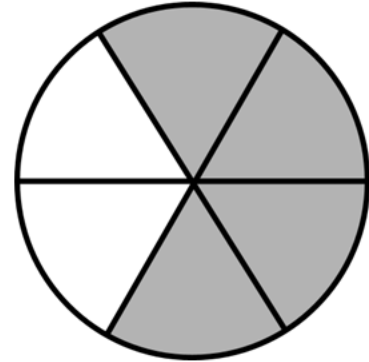
# FRACTION SKILL PRETEST

Answer the following questions about the fraction.

What fraction is shaded?



What fraction is shaded?



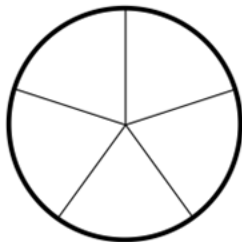
What fraction is shown on the number line?



Shade in  $\frac{3}{6}$  of the fraction.



Shade in  $\frac{4}{5}$  of the fraction.



Show  $\frac{5}{8}$  on the number line.



Compare the Fractions using  $>$ ,  $<$ , or  $=$ .

$$\frac{5}{6} \quad \frac{5}{8}$$

Compare the Fractions using  $>$ ,  $<$ , or  $=$ .

$$\frac{2}{8} \quad \frac{1}{4}$$

Name:

Date:

# FRACTION SKILL PRETEST

Simplify the following fractions:

$$\frac{4}{8} =$$

$$\frac{9}{12} =$$

Answer the questions about Mixed Numbers and Improper Fractions.

Is this a mixed number or an improper fraction?

$$\frac{7}{5}$$

Is this a mixed number or an improper fraction?

$$1\frac{2}{5}$$

Convert to a mixed number or an improper fraction.

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

$$\frac{17}{5} =$$

Name:

Date:

# FRACTION SKILL PRETEST

Solve the following problems and simplify your answers, if possible.

$$\frac{5}{9} + \frac{2}{9} =$$

$$\frac{9}{12} - \frac{7}{12} =$$

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

$$\frac{5}{6} - \frac{7}{12} =$$

$$\frac{1}{3} \cdot \frac{3}{6} =$$

$$\frac{3}{4} \div \frac{2}{3} =$$

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

$$4\frac{1}{5} - 2\frac{4}{5} =$$

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

Name:

Date:

# FRACTION SKILL PRETEST

Solve the following problems and simplify your answers, if possible.

$$4\frac{2}{5} \cdot 2\frac{2}{3} =$$

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

What are some questions you have about fractions? What are the parts of fraction problems that are difficult for you?



Name: Answer Key.

Date:

# FRACTION SKILL PRETEST

Answer the following questions to the best of your ability.

What is the numerator? What does a numerator tell you or mean?

A numerator is the number on the top of the fraction. It represents how many pieces we have or are talking about.

What is the denominator? What does a denominator tell you or mean?

A denominator is the number on the bottom of the fraction. It represents how many pieces are needed to make one whole.

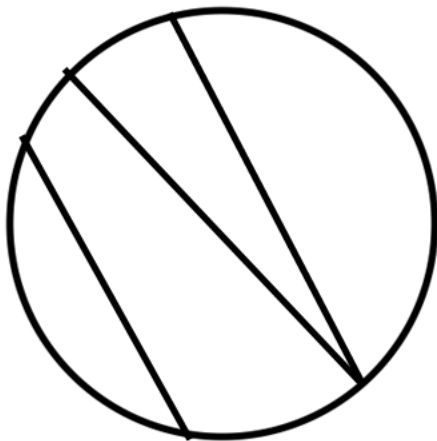
Write a fraction below with a numerator of 2 and a denominator of 7.

$$\frac{2}{7}$$

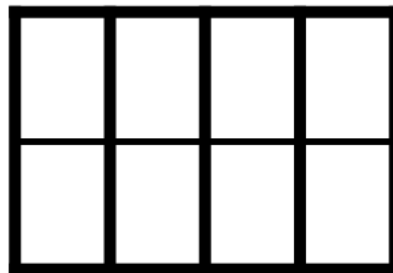
Write a fraction below with a denominator of 8 and a numerator of 3.

$$\frac{3}{8}$$

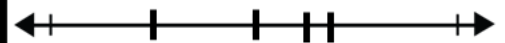
Which of these shapes could you use to show a fraction?  
Say yes or no for each shape.



No – not equal parts.



Yes – equal parts.



No – not equal parts.

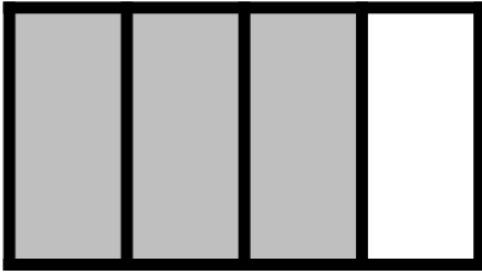
Name: Answer Key.

Date:

# FRACTION SKILL PRETEST

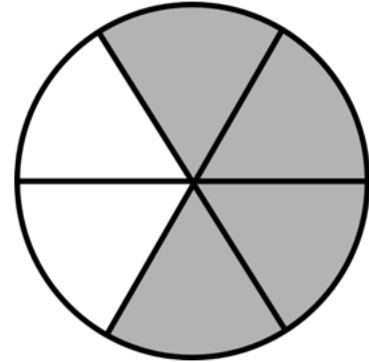
Answer the following questions about the fraction.

What fraction is shaded?



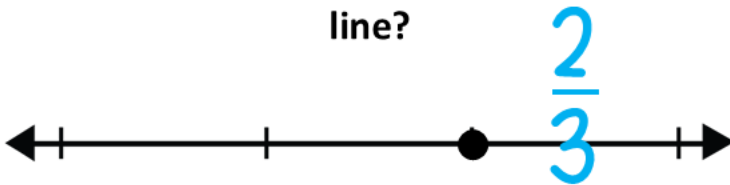
$\frac{3}{4}$

What fraction is shaded?



$\frac{4}{6}$

What fraction is shown on the number line?



$\frac{2}{3}$

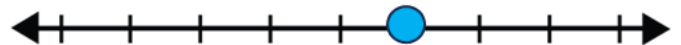
Shade in  $\frac{3}{6}$  of the fraction.



Shade in  $\frac{4}{5}$  of the fraction.



Show  $\frac{5}{8}$  on the number line.



Compare the Fractions using  $>$ ,  $<$ , or  $=$ .

$$\frac{5}{6} > \frac{5}{8}$$

Compare the Fractions using  $>$ ,  $<$ , or  $=$ .

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

Name: Answer Key.

Date:

# FRACTION SKILL PRETEST

Simplify the following fractions:

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

$$\frac{9}{12} = \frac{3}{4}$$

Answer the questions about Mixed Numbers and Improper Fractions.

Is this a mixed number or an improper fraction?

Improper fraction

$$\frac{7}{5}$$

Is this a mixed number or an improper fraction?

Mixed number

$$1\frac{2}{5}$$

Convert to a mixed number or an improper fraction.

$$4\frac{1}{2} = \frac{9}{2}$$

$$\frac{17}{5} = 3\frac{2}{5}$$

Name:

Date:

# FRACTION SKILL PRETEST

Solve the following problems and simplify your answers, if possible.

$$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$$

$$\frac{9}{12} - \frac{7}{12} = \frac{2}{12} \text{ or } \frac{1}{6}$$

$$\frac{1}{4} + \frac{2}{3} = \frac{11}{12}$$
$$\frac{3}{12} + \frac{8}{12}$$

$$\frac{5}{6} - \frac{7}{12} = \frac{3}{12} \text{ or } \frac{1}{4}$$
$$\frac{10}{12}$$

$$\frac{1}{3} \cdot \frac{3}{6} = \frac{3}{18} \text{ or } \frac{1}{6}$$

$$\frac{3}{4} \div \frac{2}{3} = \frac{9}{8}$$
$$\text{or } 1\frac{1}{8}$$

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

$$6\frac{1}{5}$$

$$4\frac{1}{5} - 2\frac{4}{5} =$$

$$1\frac{2}{5}$$

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

$$3\frac{3}{6} \text{ or } 3\frac{1}{2}$$

Name:

Date:

# FRACTION SKILL PRETEST

Solve the following problems and simplify your answers, if possible.

$$4\frac{2}{5} \cdot 2\frac{2}{3} =$$

$$\frac{176}{15} \text{ or } 11\frac{11}{15}$$

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

$$\frac{50}{12} \text{ or } 4\frac{2}{12}$$

$$\text{or } 4\frac{1}{6}$$

What are some questions you have about fractions? What are the parts of fraction problems that are difficult for you?

Answers will vary 😊

# LOVE THIS RESOURCE?

I'm so glad!

Follow Me! – If this resource was your jam, [click here to follow my TPT store!](#) I have hundreds of products that will be useful and engaging in your classroom! My goal with creating Middle School in the Mitten was to share engaging and time saving resources and ideas with busy, world changing teachers like you!

Tag me on Instagram! – I love seeing my products in classrooms around the world! After using these posters in your classroom set up, snap a photo and tag @middleschoolinthemitten! I can't wait to see!

Lastly, [check out my website](#) for more teacher time savers, tips, and resources!

# THANK YOU!

Thank you so much for your support! I hope you find this resource useful in your classroom! Please remember to leave feedback to earn TpT credits which can be used towards future purchases. Follow me on TpT to be notified when new resources are added! If you have questions or concerns, please email me at [MiddleSchoolintheMitten@gmail.com](mailto:MiddleSchoolintheMitten@gmail.com).



- aly franklin

Thank you for respecting my work!

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