

ADD & SUBTRACT UNCOMMON DENOMINATOR FRACTIONS

ADDING & SUBTRACT FRACTIONS WITH UNCOMMON DENOMINATORS

WATCH

MYSTERY PICTURE



Click a category above.

Adding & Subtracting Fractions with Uncommon Denominators Record the answers to the practice problems in the LINKivity®.

1 Ans.
Rewrite the equation with equivalent fractions.

2 circle one:
True
False

3 Ans.
Rewrite the equation with equivalent fractions.

4
$$\frac{2 \times 7}{3 \times 7} + \frac{1 \times 7}{3 \times 7}$$

SUM:

5 Ans.
List the common multiples:

5	<input type="text"/>
4	<input type="text"/>


6 Ans.
Write the equation:

7 Ans.
Rewrite the equation with equivalent fractions.

8 Ans.
Rewrite the equation with equivalent fractions.

9 Ans.
Rewrite the equation with equivalent fractions.

10 circle one:
True



LINK  **ativity**
Interactive Learning Guides

WAIT!

Thank you for considering this LINKtivity for your classroom, but before you make a decision - you should know that you can get **access to this LINKtivity + PLUS our entire library** for about the same price as a single LINKtivity!

The results are in: **Teachers LOVE LINKtivities...** and want more! So, we've made it SUPER easy and cost effective for you to access any and ALL of our LINKtivities inside our LINKtivity Learning membership option! Instead of purchasing just ONE LINKtivity - why not get access to ALL of them... for about the SAME PRICE!



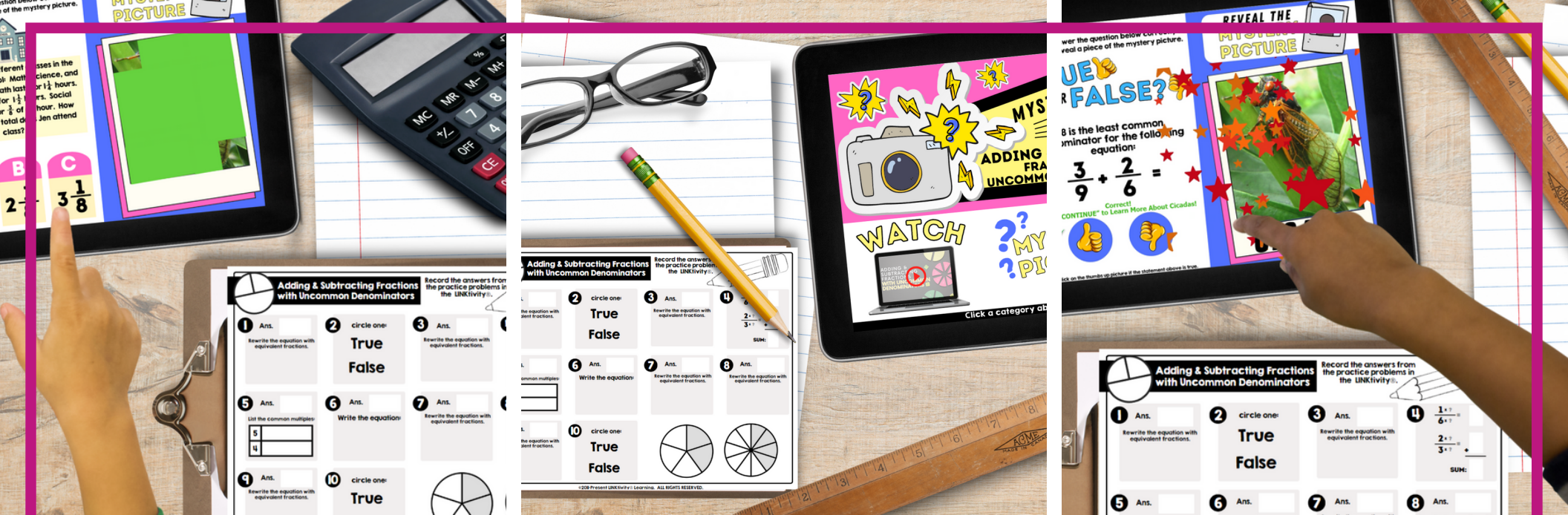
INSIDE THE MEMBERSHIP YOU'LL HAVE UNLIMITED ACCESS TO:

- ✓ The **entire growing LINKtivity® library** inside the Membership (LINKtivities for all content areas)
- ✓ ALL **future LINKtivities** to be added to the membership (new releases each month!)
- ✓ **Teacher guides** to help you set up each LINKtivity® successfully in your classroom
- ✓ **Student resources** that go along with each LINKtivity (printable OR digital)
- ✓ **Kid-friendly rubrics** and **answer keys** for each LINKtivity®

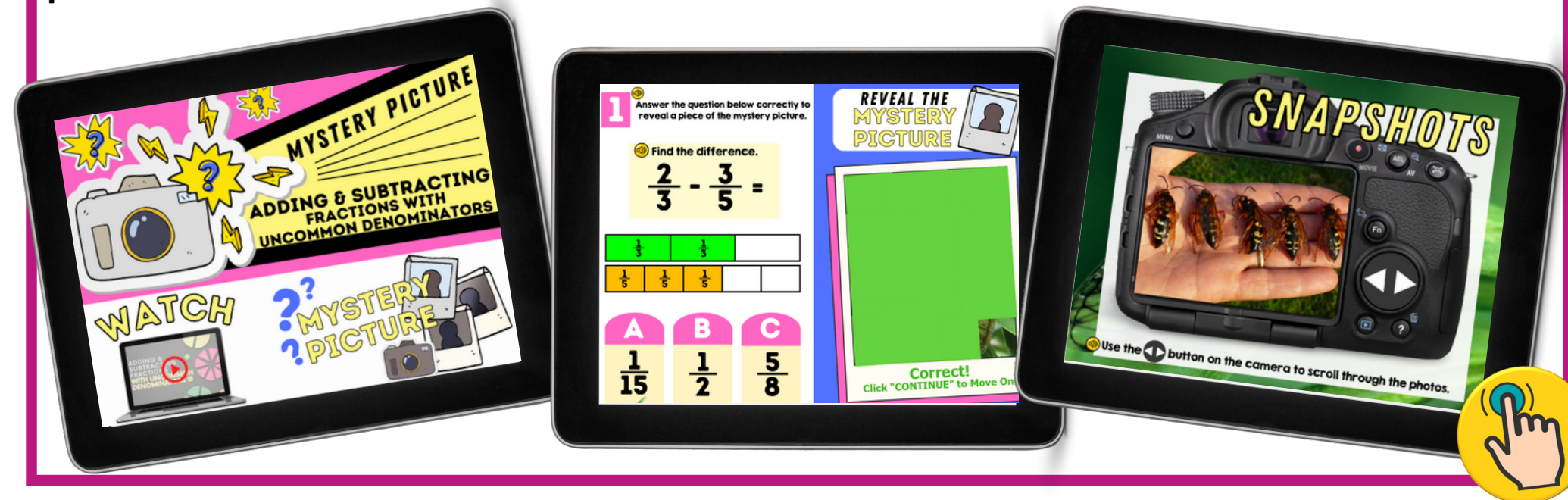


JOIN NOW





The Adding & Subtracting Fractions With Uncommon Denominators LINKtivity includes a step-by-step animated video to teach students how to add and subtract fractions with uncommon denominators. In addition, students will learn various strategies for this topic, such as decomposing a fraction equation using a model. To demonstrate their understanding of the concept, students will solve multiple practice problems.



More Sample Slides

When two fractions represent the same amount of space of the whole, they are called: **equivalent fractions.**

Credit: LINKtivity Learning

1 Answer the question below correctly to reveal a piece of the mystery picture.

Find the difference.

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

A $\frac{1}{15}$ **B** $\frac{1}{2}$ **C** $\frac{5}{8}$

Correct!
Click "CONTINUE" to Move On!

REVEAL THE MYSTERY PICTURE

SNAPSHOTS

Use the **DOWN** button on the camera to scroll through the photos.

CICADA

Cicadas are fascinating insects that make their presence known with their loud and unique songs. These remarkable creatures spend most of their lives underground, living as nymphs for many years. When the time is right, they emerge from the ground as adults with transparent wings and striking colors. Cicadas are excellent climbers, and they can be found on trees, plants, and even walls. They don't bite or sting, so they are harmless to humans. One of the most amazing things about cicadas is their ability to produce loud sounds by vibrating their bodies. They create a chorus of buzzing and chirping that can be heard from far away.

Click one of the videos below to learn more about cicadas.

CLICK HERE to see snapshots of cicadas.

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

Credit: LINKtivity Learning

9 Answer the question below correctly to reveal a piece of the mystery picture.

Carlos is growing trees and studying their heights. His data is shown below.

Tree	Height (meters)
Birch	$3\frac{1}{4}$
Spruce	$2\frac{1}{8}$
Oak	$3\frac{1}{2}$

What is the difference between the heights of the birch and spruce trees?

A $5\frac{2}{12}$ **B** $1\frac{0}{4}$ **C** $1\frac{1}{8}$

REVEAL THE MYSTERY PICTURE

5 Answer the question below correctly to reveal a piece of the mystery picture.

What is the least common denominator for the fractions below.

$$\frac{4}{5} - \frac{3}{4} =$$

A 15 **B** 20 **C** 8

REVEAL THE MYSTERY PICTURE

We are trying to determine if $\frac{4}{6} + \frac{3}{8} = \frac{7}{14}$. Remember: To add fractions, they need to have the same denominator. We will need to first look at the multiples of each denominator and see which multiples they have in common.

Denominator	Multiples
6	6, 12, 18, 24, 30...
8	8, 16, 24, 32...

The least common multiple is **24**. This will become our common denominator.

STEP 1 **STEP 2** **STEP 3** **STEP 4**

Click on each step above to complete the process.

Use this slide to help you work through the problem. When you think you've got it, you can go back and choose the correct answer.

10 Answer the question below correctly to reveal a piece of the mystery picture.

TRUE OR FALSE?

18 is the least common denominator for the following equation:

$$\frac{3}{9} + \frac{2}{6} =$$

Correct! Click "CONTINUE" to Learn More About Cicadas!

Click on the thumbs up picture if the statement above is true. Click on the thumbs down picture if the statement above is false.

REVEAL THE MYSTERY PICTURE



This LINKtivity is provided with

AUDIO SUPPORT



Perfect for English language learners or students who could use a little extra support!

Answer the question below correctly to reveal a piece of the mystery picture.

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REVEAL THE MYSTERY PICTURE



Printable & Digital Student Recording Sheet

Printable Recording Sheet for LINKtivity

Adding & Subtracting Fractions with Uncommon Denominators

Record the answers from the practice problems in the LINKtivity®.

1 Ans. Rewrite the equation with equivalent fractions.

2 circle one: True False

3 Ans. Rewrite the equation with equivalent fractions.

4 $\frac{1x}{6x} = \frac{\quad}{\quad}$
 $\frac{2x}{3x} = \frac{\quad}{\quad} + \frac{\quad}{\quad}$
 SUM: $\frac{\quad}{\quad}$

5 Ans. List the common multiples:

5
4

6 Ans. Write the equation:

7 Ans. Rewrite the equation with equivalent fractions.

8 Ans. Rewrite the equation with equivalent fractions.

9 Ans. Rewrite the equation with equivalent fractions.

10 circle one: True False

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Adding & Subtracting Fractions with Uncommon Denominators

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5 Ans. List the common multiples:

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6 Ans. Write the equation:

7 Ans. Rewrite the equation with equivalent fractions.

8 Ans. Rewrite the equation with equivalent fractions.

9 Ans. Rewrite the equation with equivalent fractions.

10 circle one: True False

Digital Recording Sheet for LINKtivity in Google Slides

Answer Key

Adding & Subtracting Fractions with Uncommon Denominators

Record the answers from the practice problems in the LINKtivity®.

ANSWER KEY

1 Ans. **A** Rewrite the equation with equivalent fractions.

2 circle one: True **False**

3 Ans. **C** Rewrite the equation with equivalent fractions.
 $1\frac{2}{8} + 1\frac{4}{8} + \frac{3}{8} + 2\frac{2}{8} = 3\frac{1}{8}$

4 $\frac{1x}{6x} = \frac{1}{6}$
 $\frac{2x}{3x} = \frac{4}{6} + \frac{4}{6}$
 SUM: $\frac{5}{6}$

5 Ans. List the common multiples:

5	5, 10, 15, 20, 25, 30, 35, ...
4	4, 8, 12, 16, 20, 24, 28, ...

6 Ans. **A** Write the equation:
 $\frac{4}{5} - \frac{2}{3} = \frac{12}{15} - \frac{10}{15}$

7 Ans. **C** Rewrite the equation with equivalent fractions.
 $3\frac{5}{6} + \frac{2}{6} + 3\frac{7}{6} = 4\frac{1}{6}$

8 Ans. Rewrite the equation with equivalent fractions.
 $\frac{27}{45} - \frac{10}{45} = \frac{17}{45}$

9 Ans. Rewrite the equation with equivalent fractions.
 $3\frac{2}{8} - 2\frac{1}{8} = 1\frac{1}{8}$

10 circle one: True **False**

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