

WHAT IS THIS?

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Multiple Choice
Choose the letter that is true for each. Circle the right answer. Then read the bottom.

Clue #3: Right or Wrong?
What the shape split correctly?
Color the star green if the answer is correct. Color the star red if it's wrong.

Clue #4: The Piano Keys
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Which Has Less?
Circle each answer. Which instrument has less correct answers? Cross that out on your recording sheet.

What Went Missing?
Figure out what musical instrument went missing by solving each clue.

Keyboard	Trumpet	Amp	Drum Set
Acoustic Guitar	Electric Guitar	Speakers	Microphone

Name: _____

Students complete a series of clues to figure out what instrument is missing!

HOW TO PLAY



What Happened?

Last night, you went to a rock concert. But as the band was playing, one of their instruments suddenly went missing! Now you have to figure out which instrument disappeared based on the clues.

1. Take a list of instruments and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which instrument went missing.
3. Cross out wrong instruments each time you find out new information. Good luck!

THE LIFETIME LEARNER

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

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

Letters: G U I T A R

The missing instrument is not a...

Use this decoder to help you figure out what letter is equal to each picture.

A = 😊	G = 😞	M = 😐	S = 😄	Y = 😏
B = 😊	H = 😞	N = 😐	T = 😄	Z = 😏
C = 😊	I = 😞	O = 😐	U = 😄	
D = 😊	J = 😞	P = 😐	V = 😄	
E = 😊	K = 😞	Q = 😐	W = 😄	
F = 😊	L = 😞	R = 😐	X = 😄	

THE LIFETIME LEARNER

What Went Missing?

Figure out what musical instrument went missing by solving each clue.

Keyboard	 Trumpet	 Amp	 Drum Set
 Acoustic Guitar	 Electric Guitar	 Speakers	 Microphone

Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what instrument to cross out. When all clues are completed, the mystery of the missing instrument will be solved!

SKILL PRACTICE

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

7/8 3/4 1/2 5/6

Answers: $\frac{2}{8}$ $\frac{3}{4}$

Letters: G U

The missing instrument is not a...

Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Multiple Choice
Choose the letter that is true for each. Circle the right answer. Then read the bottom.

A. $\frac{6}{8}$ A. $\frac{2}{6}$ A. $\frac{1}{3}$ A. $\frac{1}{2}$
B. $\frac{6}{7}$ B. $\frac{3}{6}$ B. $\frac{3}{4}$ B. $\frac{2}{2}$
C. $\frac{2}{6}$ C. $\frac{6}{6}$ C. $\frac{3}{3}$ C. $\frac{1}{3}$
D. $\frac{2}{8}$ D. $\frac{4}{6}$ D. $\frac{1}{4}$ D. $\frac{2}{3}$

A. $\frac{1}{6}$ A. $\frac{1}{3}$ A. $\frac{8}{8}$ A. $\frac{1}{4}$
B. $\frac{6}{6}$ B. $\frac{2}{2}$ B. $\frac{4}{8}$ B. $\frac{4}{4}$
C. $\frac{1}{8}$ C. $\frac{1}{2}$ C. $\frac{2}{8}$ C. $\frac{2}{4}$
D. $\frac{8}{8}$ D. $\frac{1}{1}$ D. $\frac{6}{8}$ D. $\frac{3}{4}$

Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

How many As did you circle? 1 A = You play this 2 As = You use this 3 As = You can 4 As = You don't use	How many Bs did you circle? 1 B = this 2 Bs = your 3 Bs = instrument 4 Bs = guitar	How many Cs did you circle? 1 C = to 2 Cs = with 3 Cs = piano 4 Cs = instrument	How many Ds did you circle? 1 D = your mouth 2 Ds = your hands 3 Ds = makes sound 4 Ds = the strings
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Clue #3: Right or Wrong?
Color the star green if the answer is correct. Color the star red if it's wrong.

thirds sixths

thirds halves

out the trumpet.
out the microphone.

THE LIFETIME LEARNER

- Identify Fractions
- Partition Shapes
- Rock Star-Themed
- Error Analysis Practice

All clues focus on reviewing 3rd grade skills!

MULTIPLE VERSIONS



Print & Digital Forms

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Write the answer on each line. Then, draw a line to each match.
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Clue #2: Multiple Choice
Choose the letter that is true for each. Circle the right answer. Then read the bottom.

Clue #3: Right or Wrong?
What the shape split correctly?
Color the star green if the answer is correct. Color the star red if it's wrong.

halves	thirds	sixths

3 Clue Version

3 answers correct = Cross out the keyboard.
4 answers correct = Cross out the drum set.
5 answers correct = Cross out the trumpet.
6 answers correct = Cross out the microphone.

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Multiple Choice
Choose the letter that is true for each. Circle the right answer. Then read the bottom.

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What the shape split correctly?
Color the star green if the answer is correct. Color the star red if it's wrong.

Clue #4: The Piano Keys
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Which Has Less?
Circle each answer. Which instrument has less correct answers? Cross that out on your recording sheet.

5 Clue Version

Clue #2: Multiple Choice
Choose the letter that is true for each. Circle the right answer. Then read the bottom.

A. 6/8 B. 6/7 C. 2/6 D. 2/8	A. 2/6 B. 3/6 C. 6/6 D. 4/6	A. 1/3 B. 3/4 C. 3/3 D. 1/4	A. 1/2 B. 2/2 C. 1/3 D. 2/3

Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

How many As did you circle? 1 A = You play this 2 As = You use this 3 As = You can 4 As = You don't use	How many Bs did you circle? 1 B = this 2 Bs = your 3 Bs = instrument 4 Bs = guitar	How many Cs did you circle? 1 C = to 2 Cs = with 3 Cs = piano 4 Cs = instrument
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Clue #2: Multiple Choice
Choose the letter that is true for each shaded part. Circle the right answer. Then read the bottom.

A. 1/6 B. 6/6 C. 1/8 D. 8/8	A. 1/3 B. 2/2 C. 1/2 D. 1/1	A. 8/8 B. 4/8 C. 2/8 D. 6/8	A. 1/4 B. 4/4 C. 2/4 D. 3/4

Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

How many As did you circle? 1 A = You play this 2 As = You use this 3 As = You can 4 As = You don't use	How many Bs did you circle? 1 B = this 2 Bs = your 3 Bs = instrument 4 Bs = guitar	How many Cs did you circle? 1 C = to 2 Cs = with 3 Cs = piano 4 Cs = instrument	How many Ds did you circle? 1 D = your mouth 2 Ds = your hands 3 Ds = makes sound 4 Ds = the strings
---	--	---	--

Short & Long Options

2 MATH FACT OPTIONS!

What Went Missing?

Figure out what musical instrument went missing by solving each clue.

 Keyboard	 Trumpet	 Amp	 Drum Set
 Acoustic Guitar	 Electric Guitar	 Speakers	 Microphone

Name: _____

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: $\frac{26}{17-3}$, $\frac{13}{4-9}$, $\frac{8}{7-1}$, $\frac{11}{5-6}$, $\frac{15}{11-4}$

Letters: G U I I A

The missing instrument is not a...

Clue #2: Multiple Choice

Solve each question. Circle the right answer. Then read the bottom.

$12-7$ A. 5 B. 6 C. 7 D. 8
 $13-10$ A. 4 B. 3 C. 8 D. 7
 $8-5$ A. 6 B. 5 C. 4 D. 3
 $11-9$ A. 5 B. 4 C. 3 D. 2
 $20-6$ A. 13 B. 15 C. 16 D. 14
 $9-3$ A. 4 B. 5 C. 6 D. 7
 $14-6$ A. 6 B. 7 C. 8 D. 9
 $7-3$ A. 5 B. 4 C. 3 D. 2

Clue #3: Right or Wrong?

Color the star green if the answer is correct. Color the star red if it's wrong.

$5+6=11$ 	$4+3=8$ 	$11+5=16$ 
$7+9=15$ 	$6+12=18$ 	$5+8=13$ 
$10+8=18$ 	$2+5=7$ 	$3+9=14$ 

Clue #4: The Piano Keys

Put the correct answer in each box. Then, read what to do at the bottom.

$56 \div 8$ P  7	$15 \div 5$ S  3	$22 \div 11$ L  2	$30 \div 6$ A  5
$42 \div 7$ I  6	$99 \div 9$ Y  11	$144 \div 12$ N  12	$72 \div 9$ G  8

Cross out the letters with the following answers: **2, 5, 7, 11**

You do not sing with the missing instrument.

Clue #5: Error Analysis

Check each instrument's work. Put a check or an X next to each answer.

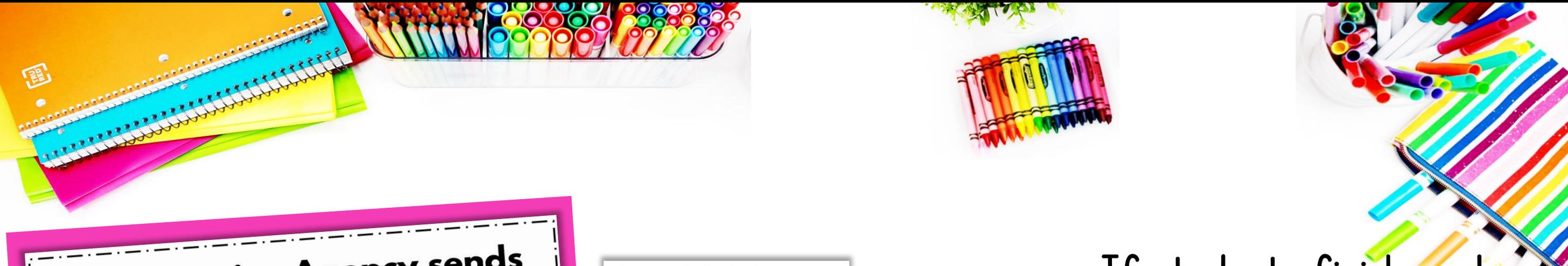
<p>Keyboard</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> $3 \times 4 = 12$ <input checked="" type="checkbox"/> $40 \div 8 = 5$ <input checked="" type="checkbox"/> $6 \times 11 = 66$ <input checked="" type="checkbox"/> $56 \div 9 = 8$ <input checked="" type="checkbox"/> $7 \times 4 = 27$ 	<p>Drums</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> $72 \div 6 = 12$ <input checked="" type="checkbox"/> $10 \times 5 = 50$ <input checked="" type="checkbox"/> $63 \div 7 = 9$ <input checked="" type="checkbox"/> $12 \times 3 = 36$ <input checked="" type="checkbox"/> $108 \div 11 = 9$
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The instrument with the most correct answers is not the missing instrument.

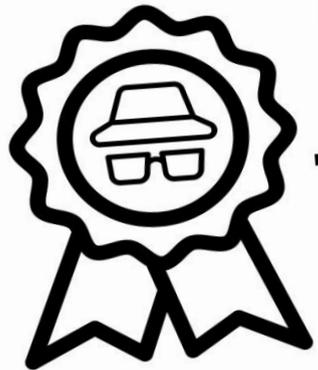
Same clues. Same mystery. Different math!

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



Lindsay

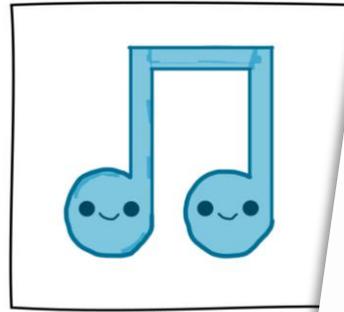
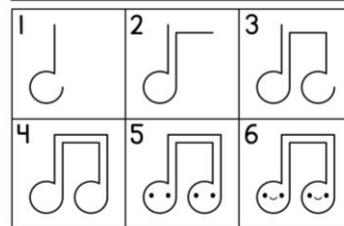
You solved the mystery!

11/2
Date

AW
Presented by:

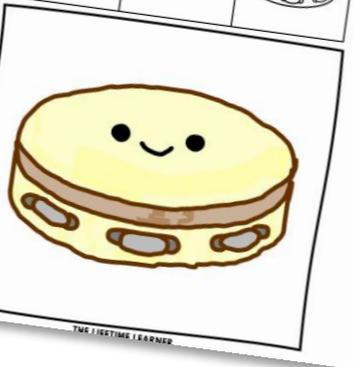
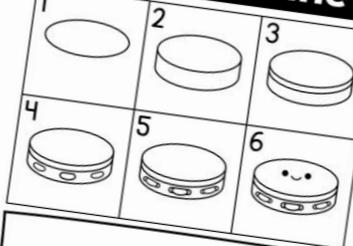
LET'S DRAW...

a note



LET'S DRAW...

a tambourine



If students finish early, give them a certificate of completion and a directed drawing to complete while others continue working.

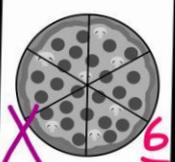
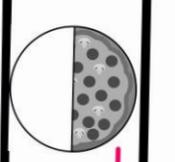
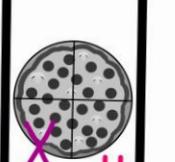
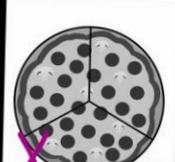
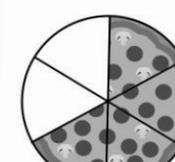
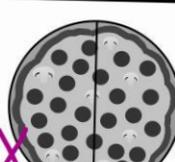
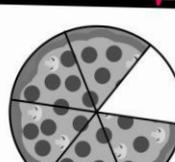
MATH MYSTERY BENEFITS



- No Prep
- Print and Digital Versions
- 3 & 5 Clue Options
- Extra Math Facts Mystery
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: The Piano Keys 

Put the correct answer in each box. Then, read what to do at the bottom.

 P $\frac{6}{6}$	<input type="text"/>	 S $\frac{1}{2}$	<input type="text"/>	 L $\frac{4}{4}$	<input type="text"/>	 A $\frac{3}{3}$
 I $\frac{4}{6}$	 Y $\frac{2}{2}$	 N $\frac{5}{6}$	 G $\frac{8}{8}$			

Cross out the letters that show:
1 whole
What letters haven't been crossed out? Write them on the line.

You do not sing with the missing instrument.

THE LIFETIME LEARNER

In 3rd grade, this works well in small groups or in partners.

WHY TEACHERS LOVE THESE!

Ordinary math worksheets can be boring and unoriginal.

You want activities that are fun and engaging, but also rigorous and meaningful to student learning.

MATH MYSTERIES ARE EXACTLY WHAT YOU'VE BEEN LOOKING FOR!

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halves	thirds	sixths
--------	--------	--------

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Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Which Has Less?
Circle each answer. Which instrument has less correct answers? Cross that out on your recording sheet.

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2 **AW**

Date _____ Presented by: _____

LET'S DRAW...
a note

LET'S DRAW...
a tambourine

What Went Missing?
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 Keyboard	 Trumpet	 Amp	 Drum Set
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Name: _____

solve the mystery

The Case of the Missing Instrument

THE LIFETIME LEARNER

WHAT MAKES MATH MYSTERIES UNIQUE?

Math Mysteries aren't just a copy of Reading Mysteries!

They have brand-new clues, focus on math skills, and even feature a different conclusion to the mystery.

The only thing that stays the same is the list of suspects students start with!

So, if you have both, students can play during math and then again during reading for double the fun.

Reading

Clue #1: Find It!
Circle sentences that include a conjunction in them. Cross out sentences that do not.
Read the words you circled from left to right like a book to solve the clue.

no The drummer played first.	yes The stage lights flashed in every direction.	amp They played three songs during their sound check.	stars The crowd cheered, so the band played an encore.
on He practiced all week because he had a solo.	drum She hit the drum with full force.	this She was nervous, yet she rocked the stage.	
hit The band signed posters in the hallway.	instrument We'll start the show when the lights go down.	hands He strummed his guitar under the spotlight.	slam Backstage, the band tried to relax.

Write the phrase on the line. Cross the wrong instruments off your list.
no stars on this instrument

Example of Clue 1

Math

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

7/8 3/4 2/8 2/3 1/2 5/6

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

G U I T A R

The missing instrument is not a...
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D = 😐	J = 😐	P = 😊	V = 😊	
E = 😐	K = 😐	Q = 😐	W = 😊	
F = 😐	L = 😐	R = 😐	X = 😐	

KEEP THE FUN GOING!

GRAB A **READING MYSTERY**:

Reading mysteries aren't just a copy of math. They come with fresh clues, unique reading challenges, and a new culprit, so students are solving an entirely different case!

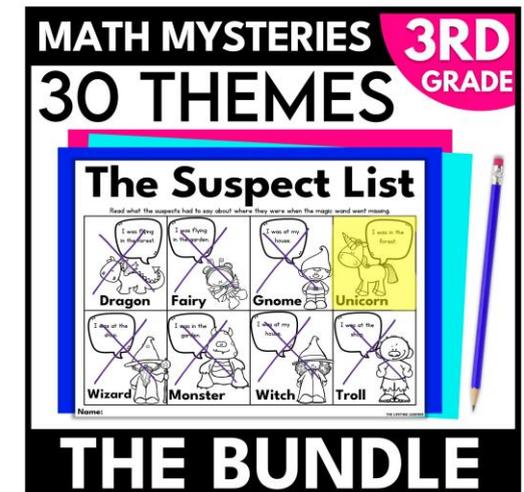


MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



**BUY A BUNDLE
TO SAVE BIG!**



THE BUNDLE