

WHAT IS THIS?



Clue #1: Circle It!
Circle each answer. Then, read the words.
When I lost my suitcase.

Clue #2: 2 Wrong Answers
Cross out the 2 kids with wrong answers on your recording sheet.

Clue #3: The Airplane
Put the correct answer in each box. Then, read what to do at the bottom.

Clue 4: Color the Planes
Solve each problem in the boxes. Color the airplanes based on your answers.

Clue #5: Travel the Globe
Solve the questions. Then, read what to do at the bottom.

How many items did you buy on Day 1 and Day 2? (A: 13 -color plane, B: 10 -color plane, C: 6 -color plane, D: 4 -color plane)

What day had the least number of items? (A: Day 1, B: Day 2, C: Day 3, D: Day 4)

How many items did you buy on Day 3? (A: 10, B: 12, C: 14, D: 16)

How many fewer items did you buy on Day 1 than Day 2? (A: 3, B: 4, C: 5, D: 6)

How many items did you buy on Day 4? (A: 10, B: 12, C: 14, D: 16)

How much money did you spend in India? (\$3)

How much less money did you spend in India than France? (\$3)

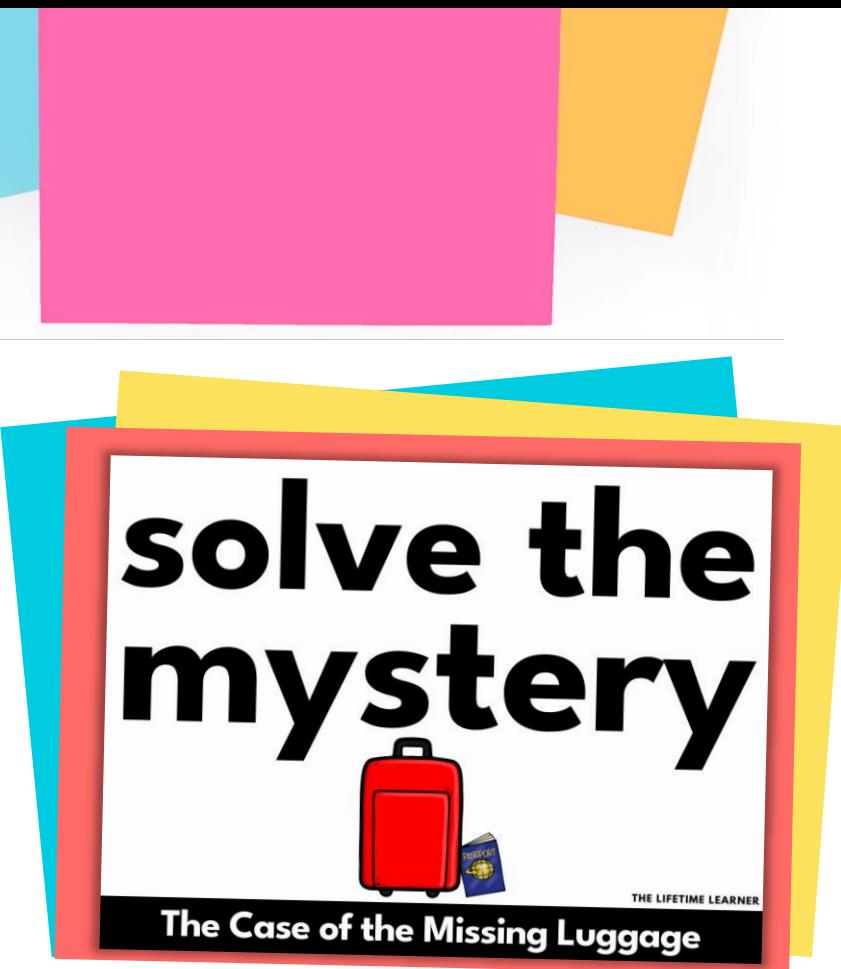
How much money did you spend in Canada? (\$3)

How much money did you spend in France? (\$6)

How much money did you spend in Italy? (\$9)

The suitcase is in a place... (3: with 7 letters, 9: with 5 letters, 6: with 6 letters, 12: with 8 letters)

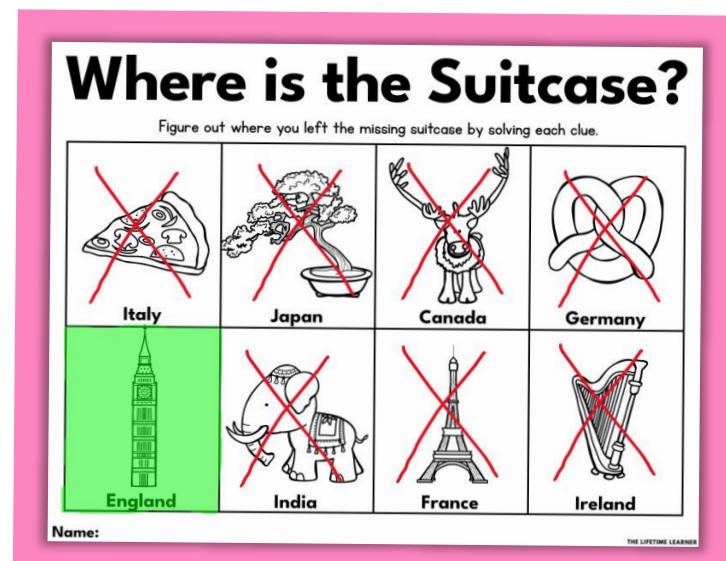
Which answer did you get most often?
Use that answer to figure out the final clue in the key!



solve the mystery

The Case of the Missing Luggage

THE LIFETIME LEARNER



Where is the Suitcase?

Figure out where you left the missing suitcase by solving each clue.

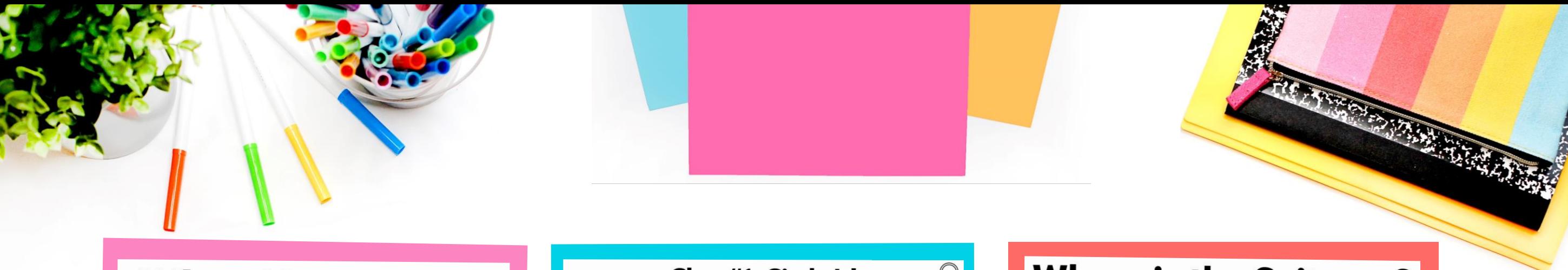
Italy	Japan	Canada	Germany
England	India	France	Ireland

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out where the missing suitcase is!

HOW TO PLAY



What Happened?

You were so excited to be on vacation that you accidentally left your suitcase somewhere! Now, you have no idea where it is. Solve the clues to figure out which country your suitcase is in.

1. Take a list of countries and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering where your suitcase is.
3. Cross out wrong countries each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: Circle It!
Circle each answer. Then, read the words.
When I lost my suitcase...

How many pizzas are there? 7	How many pretzels are there? 9	Are there <u>more</u> pretzels or pizzas? I
the food	7 was	not
eating	any	meat

THE LIFETIME LEARNER

Where is the Suitcase?

Figure out where you left the missing suitcase by solving each clue.

Italy	Japan	Canada	Germany
England	India	France	Ireland

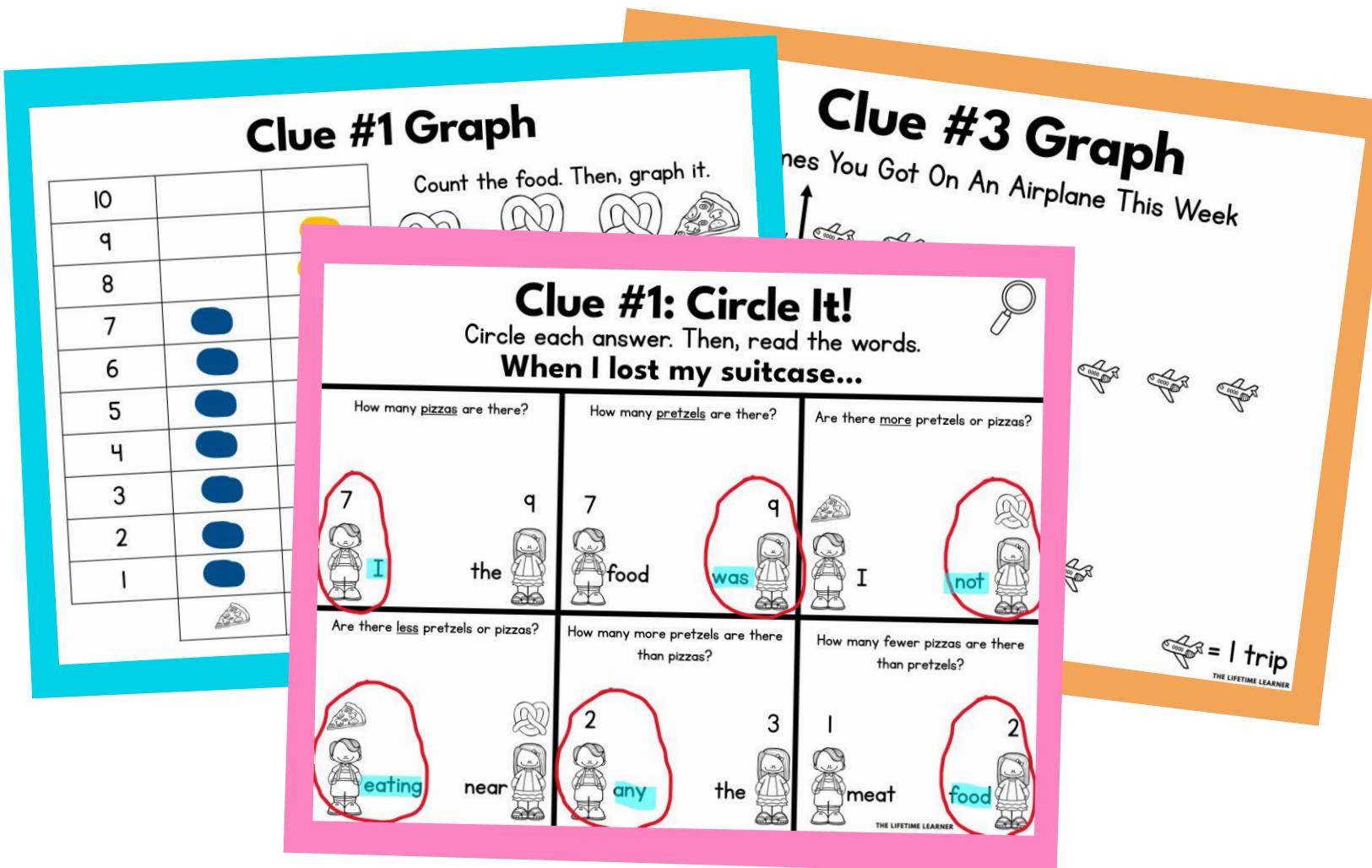
Name:

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what country to cross out.

When all clues are completed, the mystery of the missing suitcase be solved!

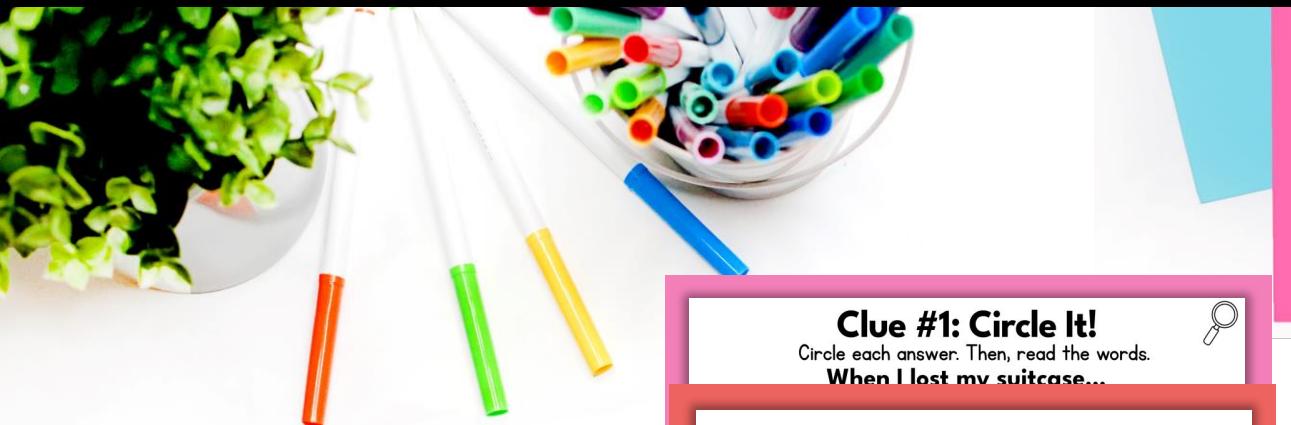
SKILL PRACTICE



- Graphing
- Count and Classify
- Bar Graphs
- Pictographs
- Travel-Themed
- Error Analysis Practice

All clues focus on reviewing graphing!

MULTIPLE VERSIONS



Clue #1: Circle It!
Circle each answer. Then, read the words.
When I lost my suitcase...

Clue #2: 2 Wrong Answers
Cross out the 2 kids with wrong answers on your recording sheet.

Clue #3: The Airplane
Put the correct answer in each box. Then, read what to do at the bottom.

How many times did you fly on Monday? How many times did you fly on Thursday? How many times did you fly on Wednesday? How many times did you fly on Monday and Wednesday in all?

How many times did you fly on Tuesday and Wednesday in all?

How many times did you fly on Tuesday and Wednesday in all?

3 Clue Version

Cross out the letters with the following answers:
5 and 7
Which letters are left? Write them on the line.
MUSIC

Clue #1: Circle It!
Circle each answer. Then, read the words.
When I lost my suitcase...

Clue #2: 2 Wrong Answers

Cross out the 2 kids with wrong answers on your recording sheet.

Clue #3: The Airplane

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

Clue 4: Color the Planes

Solve each problem in the boxes. Color the airplanes based on your answers.

How many What day had How many How many

Clue #5: Travel the Globe

Solve the questions. Then, read what to do at the bottom.

How much money did you spend in India? **\$3**

How much less money did you spend in India than France? **\$3**

How much did you spend in Italy? **\$3**

How much did you spend in Canada? **\$6**

5 Clue Version

did you spend in Italy?

The suitcase is in a place...

3: with 7 letters 9: with 5 letters
6: with 6 letters 12: with 8 letters



Print & Digital Forms

Clue #3: The Airplane

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

How many times did you fly on Monday?	How many times did you fly on Thursday?	How many times did you fly on Wednesday?	How many times did you fly on Monday and Wednesday in all?
M 2	X 5	U 2	S 4
How many times did you fly on Monday and Tuesday in all?	How many times did you fly on Tuesday?	How many times did you fly on Wednesday and Thursday in all?	How many times did you fly on Friday?
I 9	X 7	X 7	C

Cross out the letters with the following answers:
5 and 7

Which letters are left? Write them on the line.

The suitcase is not near any **MUSIC**.

Many times did you fly on Monday?

How many times did you fly on Tuesday?

How many times did you fly on Wednesday?

How many times did you fly on Thursday?

How many times did you fly on Friday?

How many times did you fly on Saturday?

How many times did you fly on Sunday?

How many times did you fly on Monday and Tuesday in all?

How many times did you fly on Wednesday and Thursday in all?

How many times did you fly on Tuesday and Wednesday in all?

How many times did you fly on Monday and Wednesday in all?

Cross out the letters with the following answers:
5 and 7

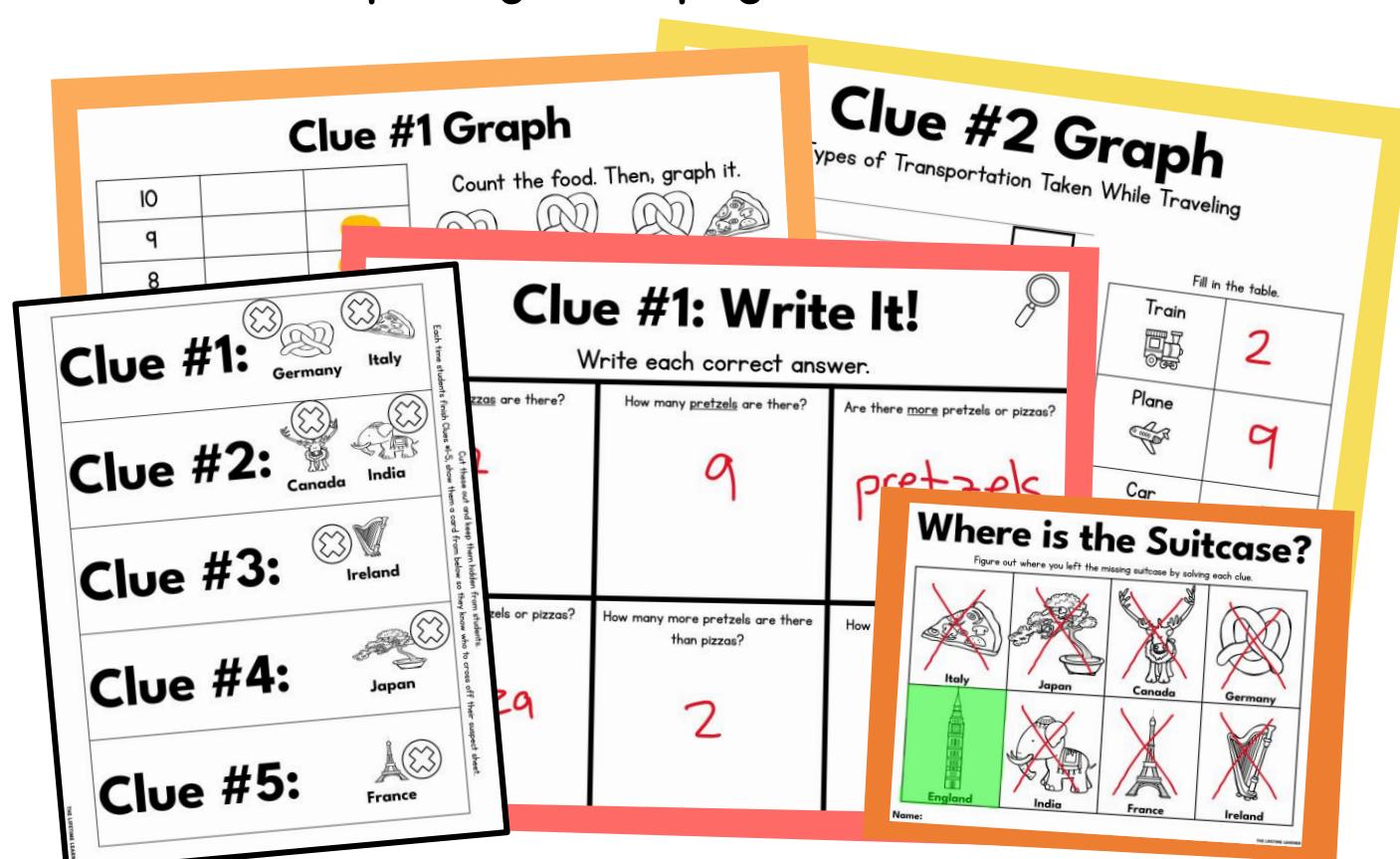
Which letters are left? Write them on the line.

The suitcase is not near any

Short & Long Options

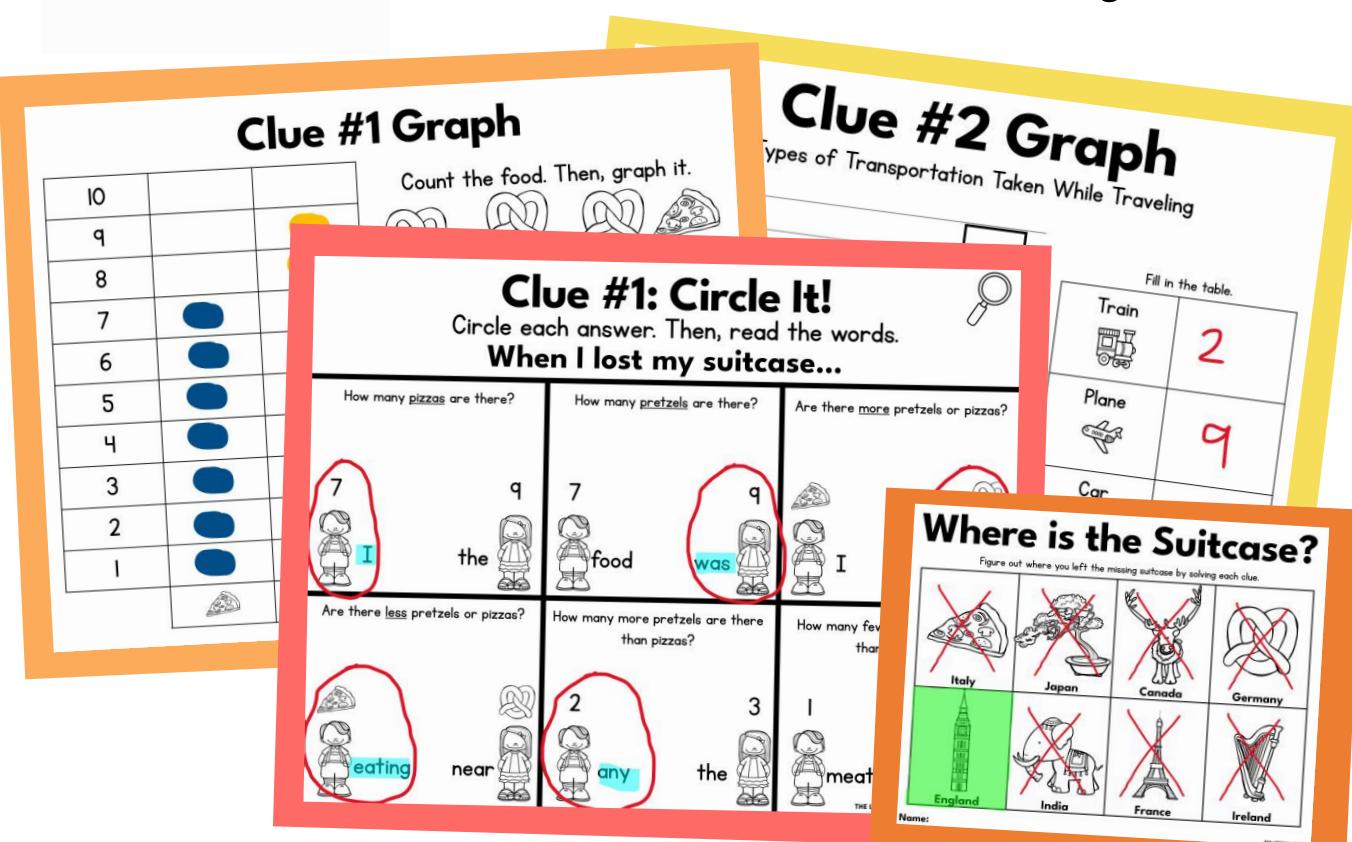
EASY & HARD OPTIONS

1. Students do the math on each clue page.
2. There is minimal reading on every page.
3. Students are handed a card showing what to cross out after completing each page.



Easy Version

1. Students do the math on each clue page.
2. Teachers help students read the words on each clue page to figure out the mystery "hints".
3. Students use "hints" to cross out wrong answers.



Hard Version

MATH FACT VERSION!



Where is the Suitcase?

Figure out where you left the missing suitcase by solving each clue.

Italy	Japan	Canada	Germany
England	India	France	Ireland

Name: _____

Clue #1: Fill in the Blank

9	5	10	12	16	15
19	14	6	17	animal	8
3	20	11	4	dear	1
Answer: 12	Word: I	Answer: 11	Word: food	Answer: 5	
4+8	19	5+4	11	6+3	9
5+14	19	10+3	13		

Clue #2: Picture Decoder

8	7	2	11	14	3
Answers: 11	3	8	2	5	7
15-4	8-5	17-4	6-4	12-7	20-6

Letters: A N I M A L S

Clue #3: The Airplane

4+9	M / 13	10+9	5+6	2+7
3+3	6	8+2	11	9
12-7	5	10	5	18

Clue #4: Color the Planes

Solve each problem in the boxes. Color the airplanes based on your answers.

Start at 20. Subtract 5. Then subtract 2. Then subtract 3. What's the answer now?	Start at 14. Subtract 8. Then subtract 1. Then subtract 4. What's the answer now?	Start at 18. Subtract 9. Then subtract 2. Then subtract 6. What's the answer now?	Start at 10. Subtract 3. Then subtract 4. Then subtract 1. What's the answer now?
A. 15 -color plane red B. 10 -color plane blue C. 13 -color plane green D. 9 -color plane yellow	A. 6 -color plane red B. 3 -color plane blue C. 10 -color plane green D. 5 -color plane yellow	A. 2 -color plane red B. 3 -color plane blue C. 4 -color plane green D. 1 -color plane yellow	A. 2 -color plane red B. 3 -color plane blue C. 4 -color plane green D. 5 -color plane yellow

What color planes do you see? Find the key that matches for your next hint!

Clue #5: Travel the Globe

Solve the equations. Then, read what to do at the bottom.

The suitcase is in a place...

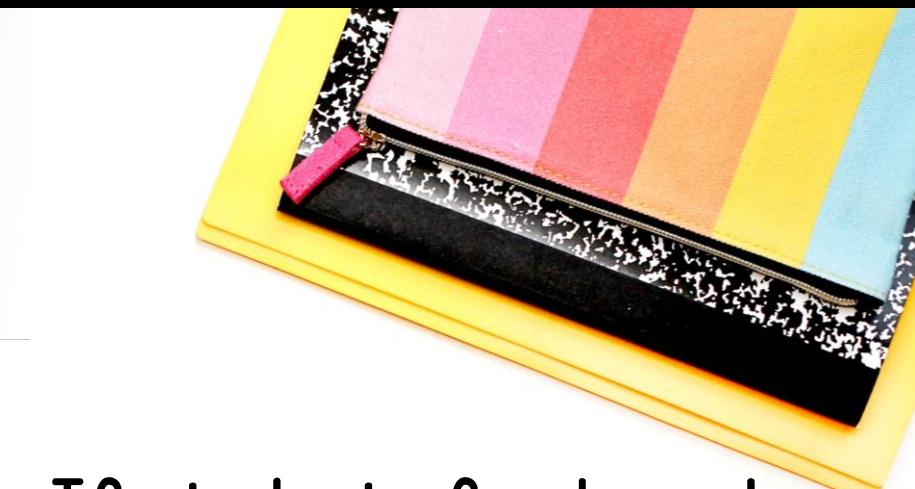
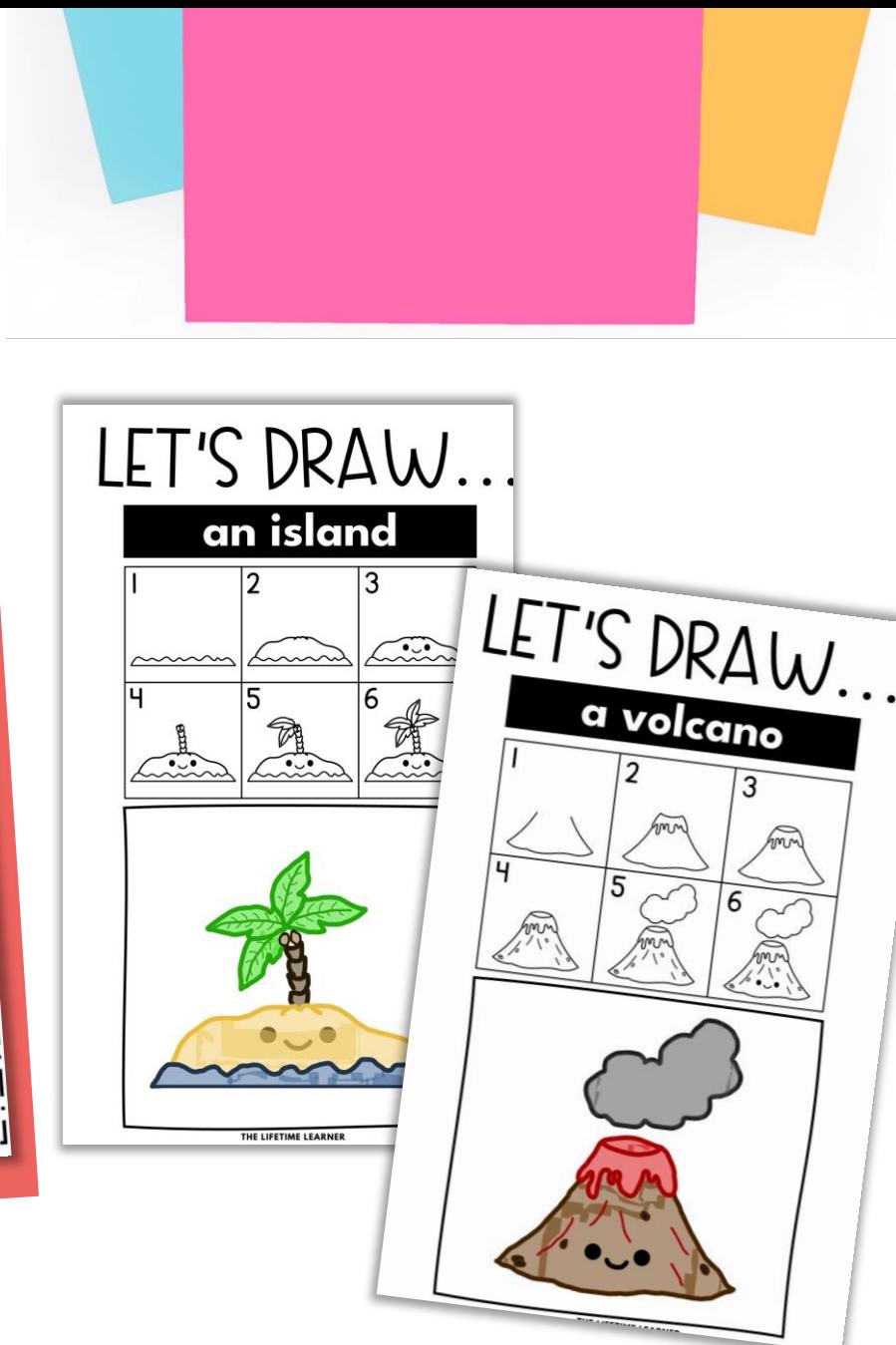
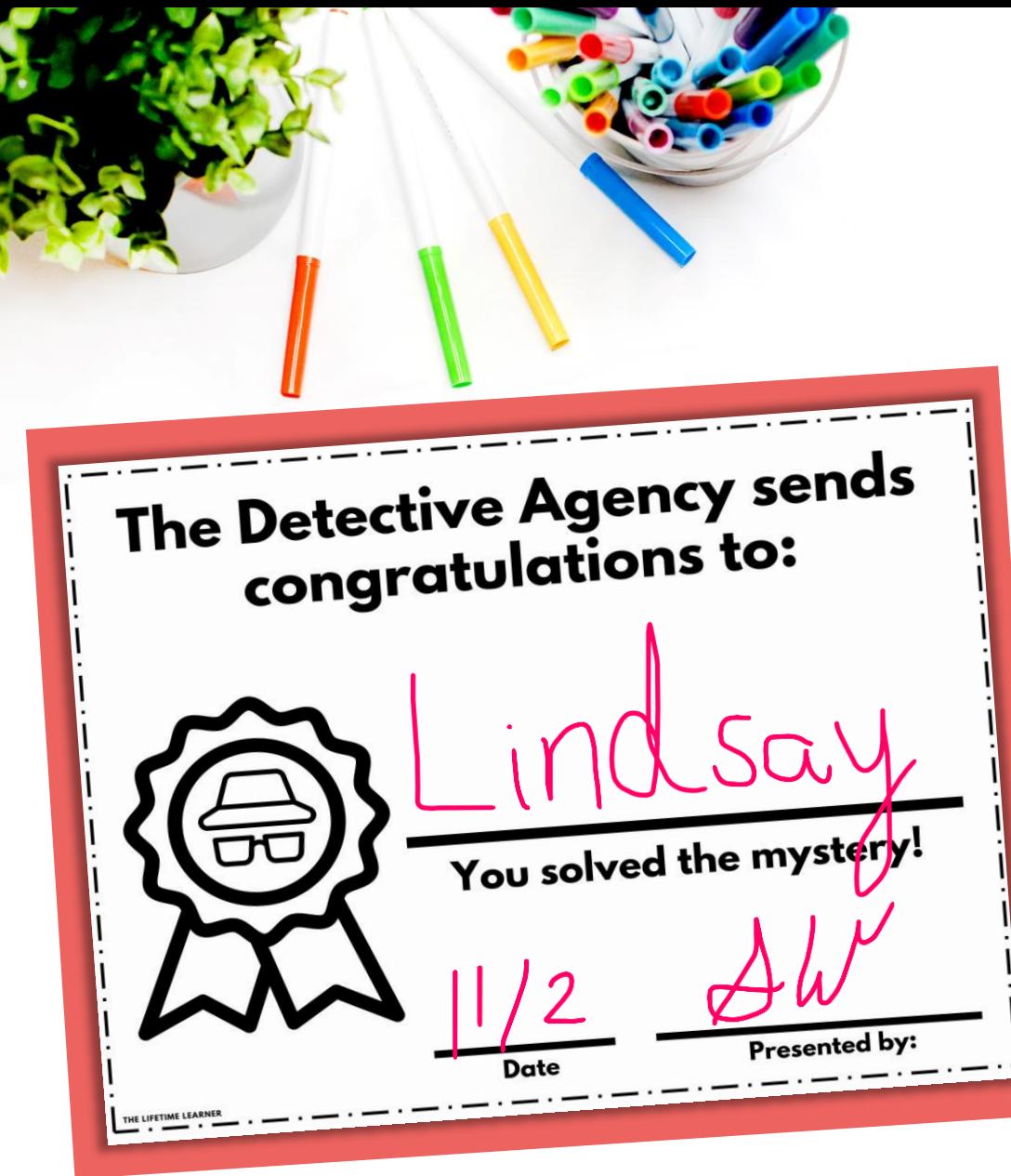
Which answer did you get most often?
Use that answer to figure out the final clue in the key!

9: with 5 letters 11: with 7 letters
10: with 6 letters 12: with 8 letters

Same clues. Same mystery. Different math!

There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY



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: Color the Planes

Solve each problem in the boxes. Color the airplanes based on your answers.

How many items did you buy on Day 1 and Day 2?

A. 13 -color plane red
B. 10 -color plane blue
C. 6 -color plane green
D. 4 -color plane yellow

What day had the least number of items?

A. Day 3 -color plane red
B. Day 1 -color plane blue
C. Day 2 -color plane green
D. Day 4 -color plane yellow

How many items did you buy on Day 3?

A. 10 -color plane red
B. 6 -color plane blue
C. 4 -color plane green
D. 9 -color plane yellow

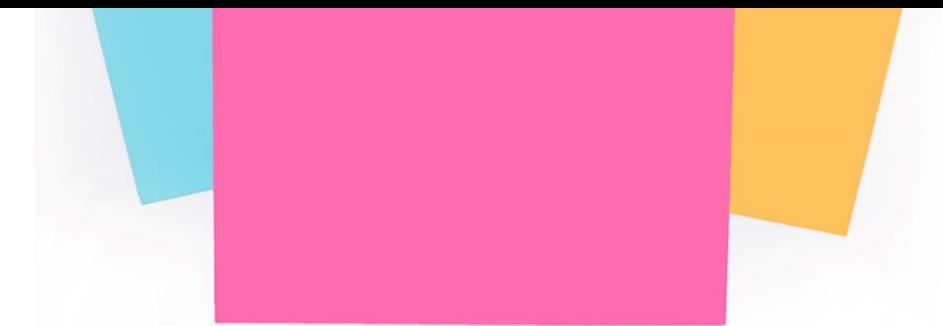
How many fewer items did you buy on Day 1 than Day 3?

A. 5 -color plane red
B. 6 -color plane blue
C. 7 -color plane green
D. 8 -color plane yellow

What color planes do you see? Find the key that matches for your next hint!

• 1 red plane • 0 yellow planes • 0 green planes • 3 blue planes The suitcase is not near any trees.	• 1 red plane • 1 yellow plane • 1 green plane • 1 blue plane The suitcase is not near any famous buildings.	• 1 red plane • 1 yellow plane • 2 green planes • 0 blue planes The suitcase is somewhere near a tree.	• 1 red plane • 1 yellow plane • 0 green planes • 2 blue planes The suitcase is near a famous building.
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THE LIFETIME LEARNER



In Kindergarten, this works well as a whole group lesson or in small groups at the teacher table.

Kindergarteners will need teacher support to read & understand the clues/directions

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!

Clue #1: Circle It!
Circle each answer. Then, read the words.
When I lost my suitcase...

Clue #2: 2 Wrong Answers
Cross out the 2 kids with wrong answers on your recording sheet.

How many plane rides are there?	How many train and plane rides are there in all?	How many train rides are there?
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Clue #3: The Airplane
Put the correct answer in each box. Then, read what to do at the bottom.

Clue 4: Color the Planes
Solve each problem in the boxes. Color the airplanes based on your answers.

How many items did you	What day had the least	How many items did you	How many fewer items
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Clue #5 Graph
How Much Money You Spent in Each Country

Country	Amount (\$)								
India	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9
Italy	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9
France	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9
Canada	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9

The Detective Agency sends congratulations to:

Presented by:

LET'S DRAW...

an island

a volcano

THE LIFETIME LEARNER

Where is the Suitcase?

Figure out where you left the missing suitcase by solving each clue.

Italy	Japan	Canada	Germany
England	India	France	Ireland

Name: _____

solve the mystery

The Case of the Missing Luggage

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

Example of Clue 1

Clue #1: Find It!
Circle the boxes that start with sh-.

Read the words you circled from left to right like a book to solve the clue.

can	not	eat	food
sheep	she	she	she
sing	you	eat	3
she	you	eat	she
play	pretzels	antlers	tusks
she	pretzels	antlers	tusks

Write the phrase on the line. Cross the wrong places off your list.

not where you eat pretzels

THE LIFETIME LEARNER

Math

Clue #1: Circle It!
Circle each answer. Then, read the words.

When I lost my suitcase...

How many pizzas are there? 7	How many pretzels are there? 9	Are there more pretzels or pizzas? the food was not
How less pretzels or pizzas? the food was not	How many more pretzels are there than pizzas? 2 any	How many fewer pizzas are there than pretzels? I meat food

THE LIFETIME LEARNER

KEEP THE FUN GOING!

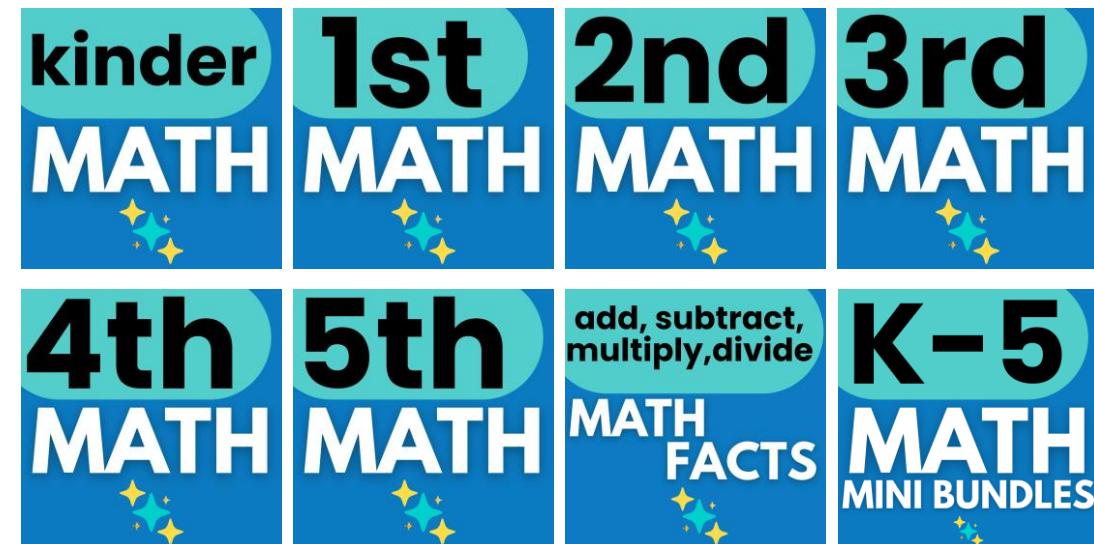
GRAB A READING MYSTERY:

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!

