

WHAT IS THIS?



Clue #1: Fill in the Blank
8 was 2 suitcase 11 was 10 I tall 5 my

Clue #2: 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 #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 equations. Then, read what to do at the bottom.

How many items did you buy on Day 1 and Day 2 in all?
What day had the least number of items you bought?
How many items did you buy on Day 3?
How many fewer items did you buy on Day 1 than Day 2?

A. 13 -color plane
B. 10 -color plane
C. 6 -color plane
D. 4 -color plane

How much money did you spend in India?
How much more money did you spend in Italy than France?
How much money did you spend in France?
How much money did you spend in India and Canada in all?
How much money did you spend in Canada?
How much money did you spend in Italy?
How much less money did you spend in India than France?

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

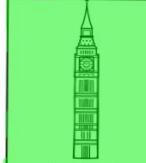
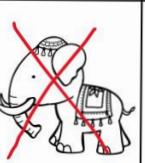
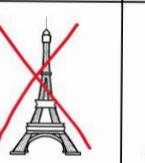


THE LIFETIME LEARNER

The Case of the Missing Luggage

Where is the Suitcase?

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

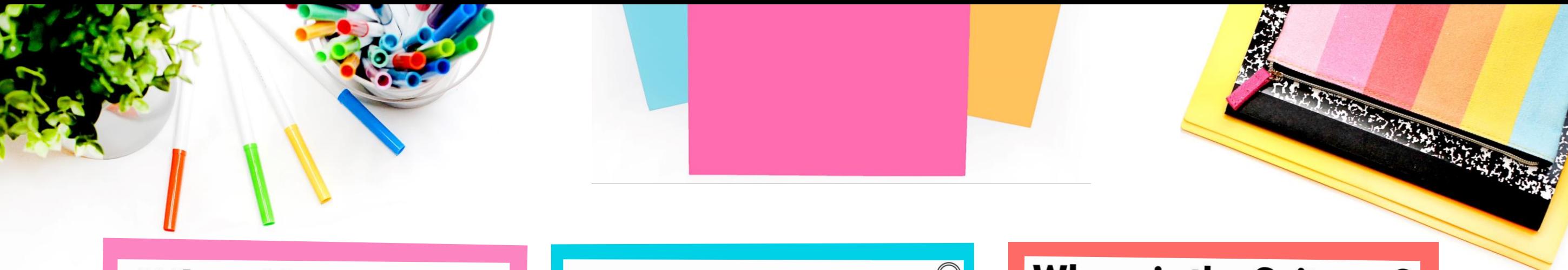
 Italy	 Japan	 Canada	 Germany
 England	 India	 France	 Ireland

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: Fill in the Blank

8	was	2	suitcase	4	was	10	I	5	tall
12	wasn't	13	pizza	1	when	9	animal	6	my
7	music	lost	England	3	food	deer	Italy	11	building
	Germany								

Answer: Word: 10 I
How many people like Germany the best?
Answer: Word: 7 food
How many more people voted for Ireland than England?
Answer: Word: 2 suitcase
How many people like England the best?
Answer: Word: 12 wasn't
How many people voted for Germany and England?
Answer: Word: 8 was
How many more people voted for Germany than England?
Answer: Word: 5 my
What country had 5 votes?
Answer: Word: 3 when
What country had the least number of votes?
Answer: Word: 6 deer
What country had the most votes?
Answer: Word: 11 building
What country had Ireland eating?

Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

Where is the Suitcase?

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

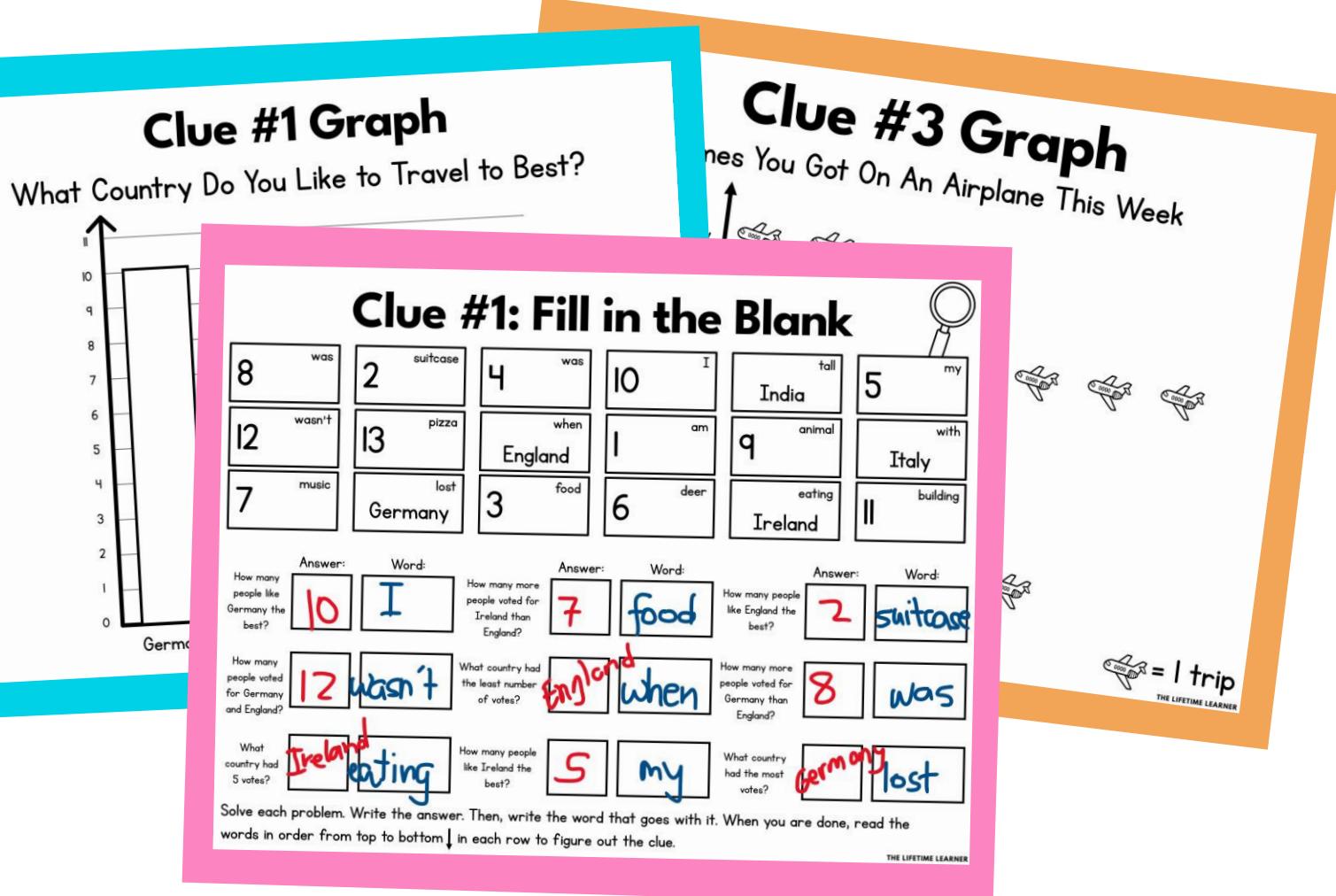
Italy	Japan	Canada	Germany
England	India	France	Ireland

Name: _____

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!

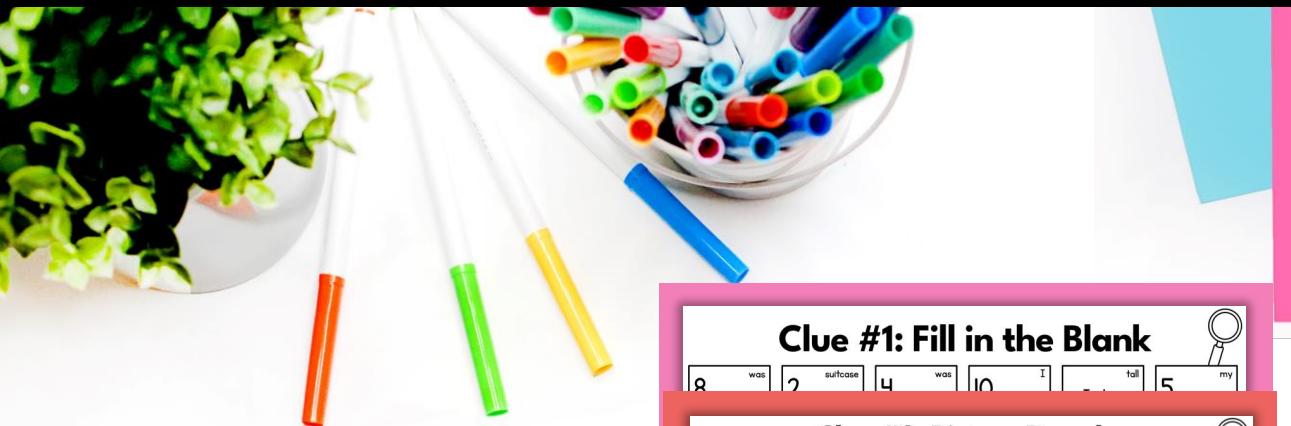
SKILL PRACTICE



- Graphing
- Pictographs
- Bar Graphs
- Answering Questions
- Travel-Themed
- Error Analysis Practice

All clues focus on reviewing graphing!

MULTIPLE VERSIONS



Clue #1: Fill in the Blank

8	was	2	suitcase	4	was	10	I	1	tall	5	my
---	-----	---	----------	---	-----	----	---	---	------	---	----

Clue #2: 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 #3: The Airplane
Put the correct answer in each box. Then, read what to do at the bottom.

3 Clue Version

The suitcase is not near any MUSIC

Clue #1: Fill in the Blank

8	was	2	suitcase	4	was	10	I	1	tall	5	my
---	-----	---	----------	---	-----	----	---	---	------	---	----

Clue #2: Picture Decoder
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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 equations. Then, read what to do at the bottom.

5 Clue Version

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.

The Airplane

How many times did you fly on Monday?	M 2	How many times did you fly on Tuesday?	X 7	How many times did you fly on Thursday?	U S	How many more times did you fly on Thursday than Wednesday?	S 3
How many fewer times did you fly on Monday than Tuesday?	I 5	How many times did you fly on Tuesday and Wednesday in all?	X 12	How many times did you fly on Tuesday and Wednesday in all?	X 9	How many more times did you fly on Thursday?	C

Cross out the letters with the following answers:
9, 7, 12

Which letters are left? Write them on the line.
The suitcase is not near any MUSIC

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

The Airplane

How many times did you fly on Monday?	M 2	How many times did you fly on Tuesday?	L	How many times did you fly on Thursday?	U	How many more times did you fly on Thursday than Wednesday?	S
How many fewer times did you fly on Monday than Tuesday?	I	How many times did you fly on Tuesday and Wednesday in all?	S	How many times did you fly on Tuesday and Wednesday in all?	T	How many more times did you fly on Thursday than Monday?	C

Cross out the letters with the following answers:
X 9, 7, 12

Which letters are left? Write them on the line.
The suitcase is not near any

Short & Long Options

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: _____

THE LIFETIME LEARNER

Clue #1: Fill in the Blank

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

Clue #2: Picture Decoder

8	7	2	11	14	3
Answers:	11	3	8	2	5
15-4	8-5	17-4	6-4	12-7	20-6
Letters:	A	N	I	M	A
	M	A	L	A	S

Clue #3: The Airplane

4+9	13	10+9	19	5+6	2+7
M	X	U	11	S	9
3+3	6	8+2	10	1+4	5
1	X	5	X	9+9	c 18
6	5	10	5	14	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!

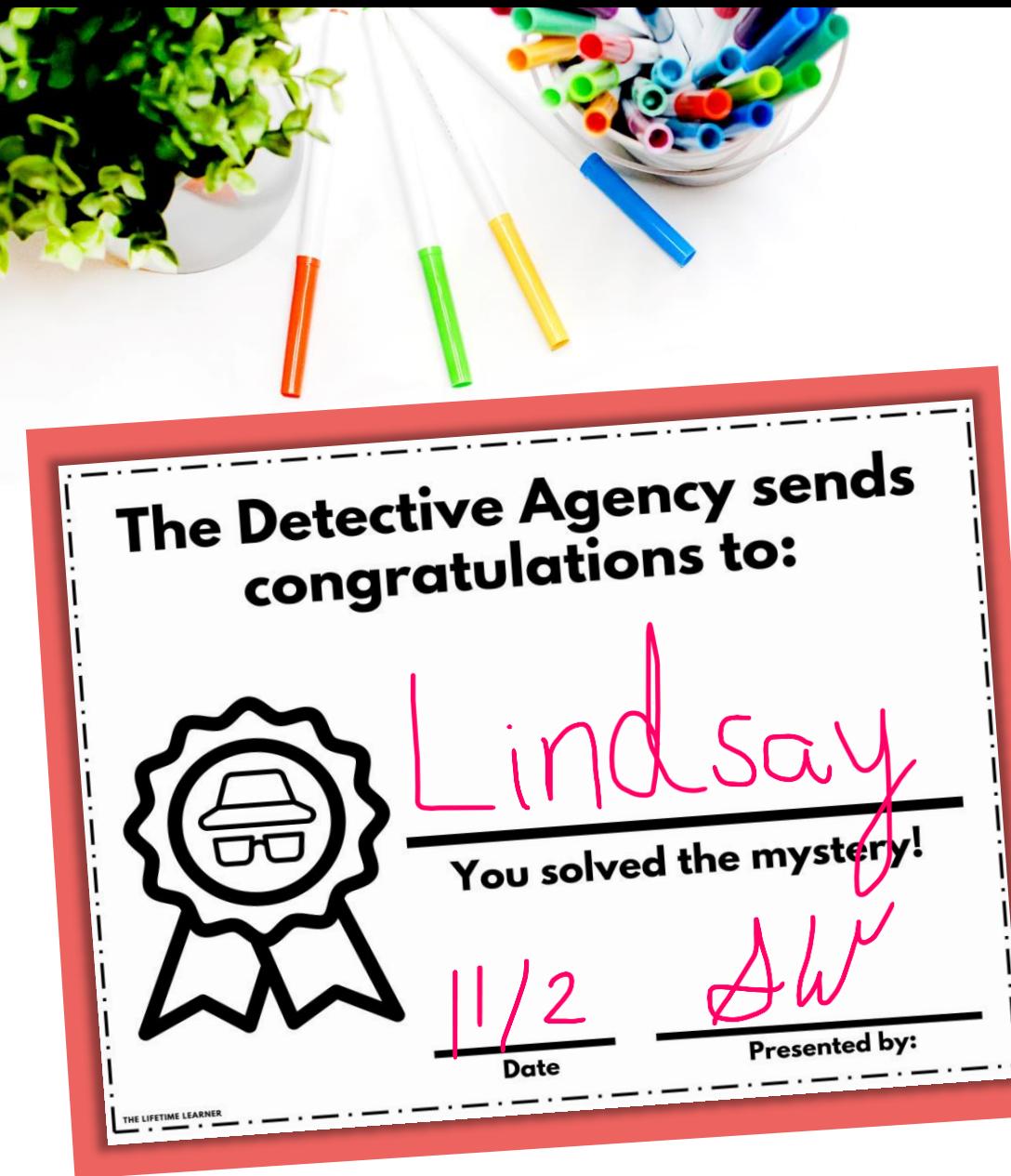
9: with 5 letters 11: with 7 letters
10: with 6 letters 12: with 8 letters

THE LIFETIME LEARNER

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 in all?

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 you bought?

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

1 red plane
• 1 yellow plane
• 1 green plane
• 1 blue plane

1 red plane
• 1 yellow plane
• 2 green planes
• 0 blue planes

1 red plane
• 1 yellow plane
• 0 green planes
• 2 blue planes

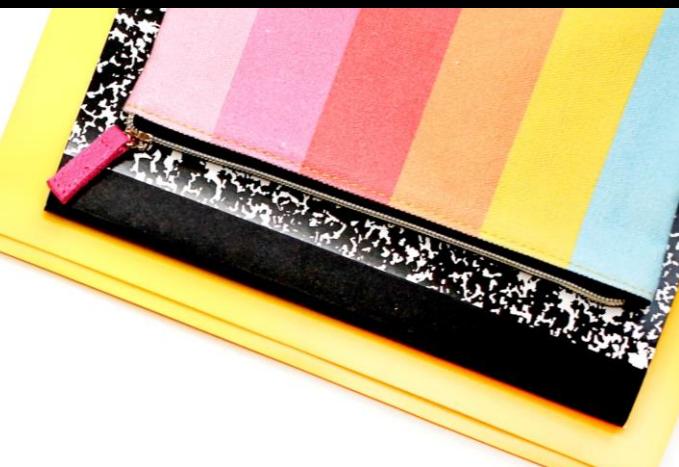
The suitcase is not near any trees.

The suitcase is not near any famous buildings.

The suitcase is somewhere near a tree.

The suitcase is near a famous building.

THE LIFETIME LEARNER



In 1st grade, this works well as a whole group lesson or in small groups at the teacher table.

First graders 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: Fill in the Blank

8 was 2 surface 4 was 10 I 5 my

Clue #2: 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.

9 train 2 car 11 bus 7 20

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?

Clue #5: Travel the Globe

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

How much money did you spend in India? How much more money did you spend in Italy than France? How much money did you spend in Canada? How much money did you spend in Italy and Canada in all? How much money did you spend in France? How much less money did you spend in India than France? 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!

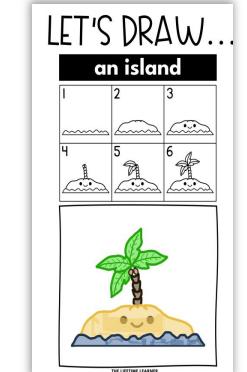
The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2 SW

Date Presented by:



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

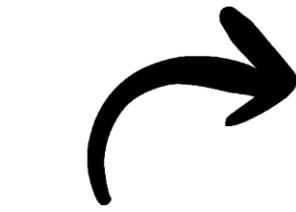
WHAT MAKES MATH MYSTERIES UNIQUE?

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

Math

Clue #1: Find It!
Circle the boxes that have a long U sound.
Read the words you circled from left to right like a book to solve the clue.

NOT WHERE YOU EAT PRETZELS

THE LIFETIME LEARNER

Clue #1: Fill in the Blank

Answer: Word: 10 I Answer: Word: 7 food Answer: Word: 2 suitcase
How many more people voted for Ireland than England?
What country had the least number of votes?
What country like Ireland the best?
Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

THE LIFETIME LEARNER

KEEP THE FUN GOING!

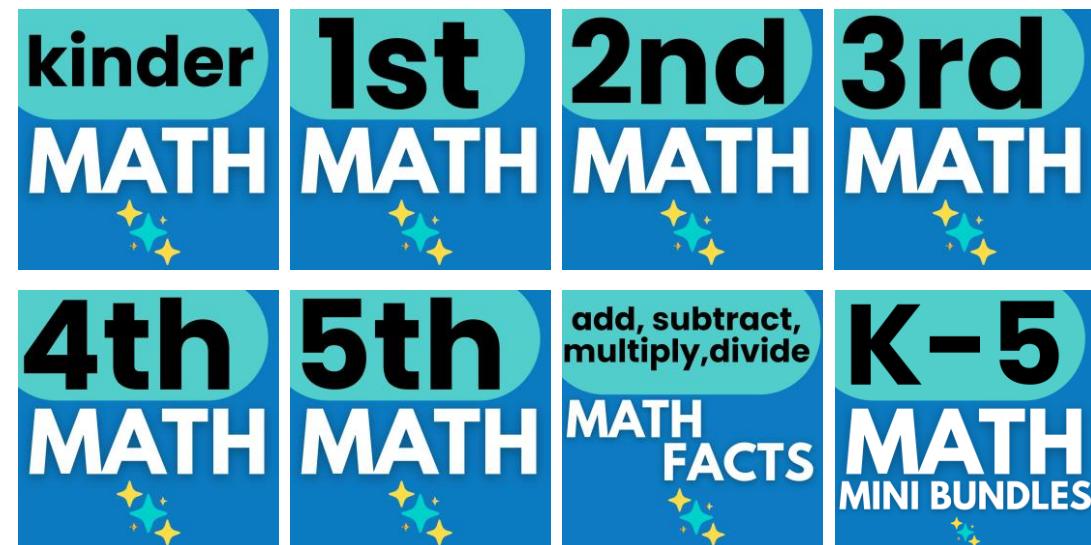
GRAB A READING MYSTERY:

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!

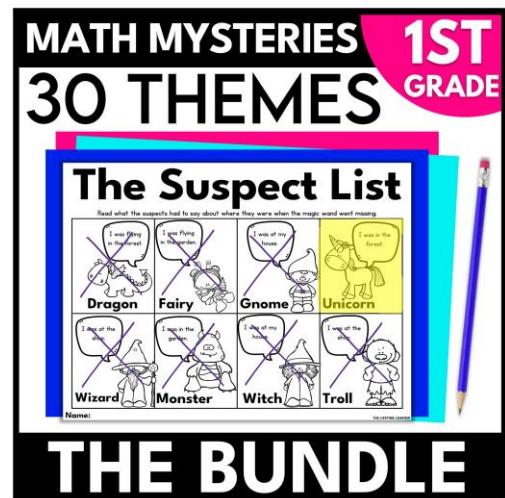


MORE MATH MYSTERIES:

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



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TO SAVE BIG!



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