

WHAT IS THIS?



Clue #1: Fill in the Blank
25 was suitcase was I 7 tall 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 much money did you spend in India? $\$30$

How much more money did you spend in Italy than France? $\$30$

How much money did you spend in Canada? $\$30$

How much money did you spend in Italy and Canada in all? $\$126$

How much money did you spend in Italy? $\$96$

How much less money did you spend in India than France? $\$30$

How much money did you spend in France? $\$60$

How much money did you spend in India and Canada in all? $\$60$

The suitcase is in a place...
30: with 7 letters 90: with 5 letters
60: with 6 letters 120: 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.

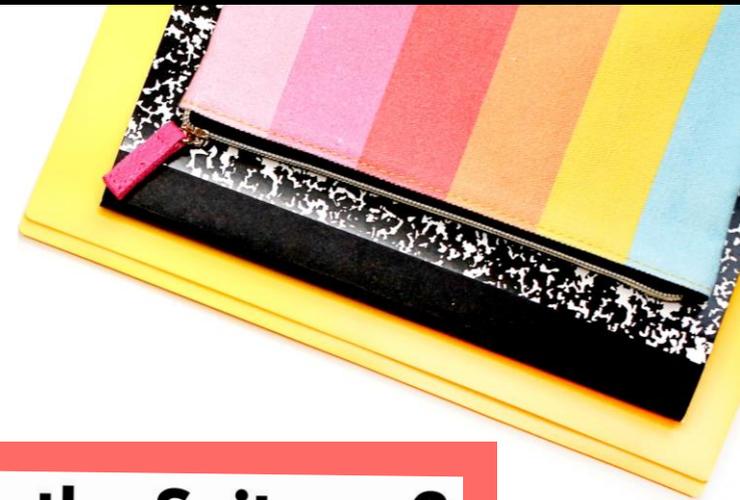
 Italy	 Japan	 Canada	 Germany
 England	 India	 France	 Ireland

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: Fill in the Blank

25	was	11	suitcase	5	was	15	I	7	fall	21	my		
6	wasn't	19	pizza		when	Canada	60	am	10	animal	16	with	
22	music		lost	England	50	food	17	deer		eating	Ireland	52	building

How many people voted for Ireland?	Answer: 15	Word: I	How many people voted in all?	Answer: 50	Word: food	How many more people voted for Canada than Germany?	Answer: 11	Word: suitcase
How many fewer people voted for England than Germany?	Answer: 6	Word: wasn't	Which country got the most votes?	Answer: Canada	Word: when	How many people voted for Ireland?	Answer: 25	Word: was
Which country had the 2 nd most votes?	Answer: Ireland	Word: eating	How many people voted for Canada?	Answer: 21	Word: my	Which country got the least votes?	Answer: England	Word: lost

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

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

Clue #1 Graph
What Country Do You Like to Travel to Best?

Clue #3 Graph
Flights You Got On An Airplane This Month

Clue #1: Fill in the Blank

25	was	11	suitcase	5	was	15	I	7	tall	21	my
6	wasn't	19	pizza	Canada	when	60	am	10	animal	16	with
22	music	England	lost	50	food	17	deer	Ireland	eating	52	building

Answer: Word: How many people voted for Ireland? **15** **I**

Answer: Word: How many people voted in all? **50** **food**

Answer: Word: How many more people voted for Canada than Germany? **11** **suitcase**

Answer: Word: How many fewer people voted for England than Germany? **6** **wasn't**

Answer: Word: Which country got the most votes? **Canada** **when**

Answer: Word: How many people voted for Germany and Ireland? **25** **was**

Answer: Word: Which country had the 2nd most votes? **Ireland** **eating**

Answer: Word: How many people voted for Canada? **21** **my**

Answer: Word: Which country got the least votes? **England** **lost**

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

All clues focus on reviewing graphing!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Fill in the Blank
25 was 11 suitcase 5 was 15 7 tall 21 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.

How many times did you fly on Mondays?	How many more times did you fly on Tuesdays and Thursdays combined than Wednesdays?	How many times did you fly on Thursdays?	How many times did you fly on Tuesdays and Wednesdays combined?
M 4	X 28	U 10	S 18
How many more times did you fly on Thursdays than Wednesdays?	How many times did you fly on both Tuesdays and Thursdays?	How many times did you fly on both Wednesdays and Thursdays?	How many fewer times did you fly on Wednesday and Monday than Tuesday?
I 6	X 24	X 14	C 6

Cross out the letters with the following answers:
14, 20, 24
Which letters are left? Write them on the line. MUSIC

The suitcase is not near any _____

Clue #1: Fill in the Blank
25 was 11 suitcase 5 was 15 7 tall 21 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.

How many times did you fly on Mondays?	How many more times did you fly on Tuesdays and Thursdays combined than Wednesdays?	How many times did you fly on Thursdays?	How many times did you fly on Tuesdays and Wednesdays combined?
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Cross out the letters with the following answers:
14, 20, 24
Which letters are left? Write them on the line. MUSIC

The suitcase is in a place...
30: with 7 letters 90: with 5 letters
60: with 6 letters 120: with 8 letters

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

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

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M 4	X 28	U 10	S 18
How many more times did you fly on Thursdays than Wednesdays?	How many times did you fly on both Tuesdays and Thursdays?	How many times did you fly on both Wednesdays and Thursdays?	How many fewer times did you fly on Wednesday and Monday than Tuesday?
I 6	X 24	X 14	C 6

Cross out the letters with the following answers:
14, 20, 24
Which letters are left? Write them on the line. MUSIC

The suitcase is not near any _____

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

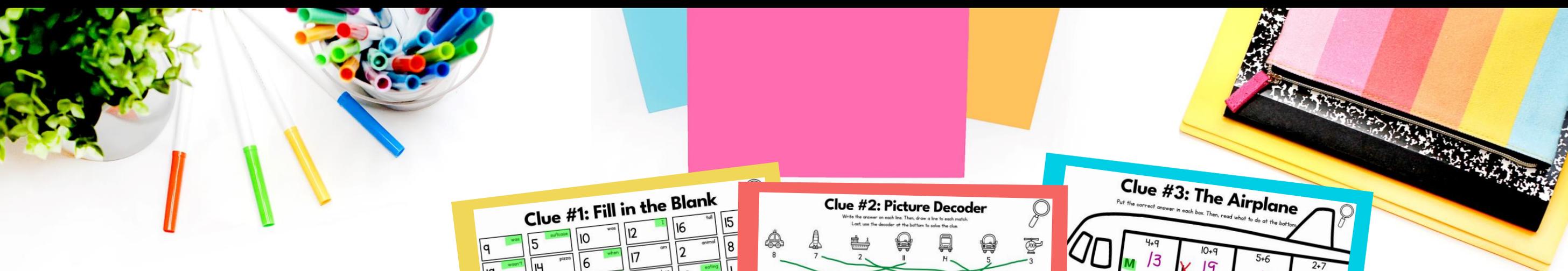
How many times did you fly on Monday?	How many more times did you fly on Tuesday and Thursday combined than Wednesday?	How many times did you fly on Thursday?	How many times did you fly on Tuesday and Wednesday combined?
M 4	X 28	U 10	S 18
How many more times did you fly on Thursday than Wednesday?	How many times did you fly on Tuesday and Thursday in all?	How many times did you fly on Wednesday and Thursday total?	How many fewer times did you fly on Wednesday and Monday than Tuesday?
I 6	X 24	X 14	C 6

Cross out the letters with the following answers:
~~X~~ 14, 20, 24
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: _____

Clue #1: Fill in the Blank

9	was	5	outflew	10	was	12	1	16	full	15
19	wasn't	14	pizza	6	when	17	am	2	animal	8
3	music	20	best	11	food	4	deer	13	eating	1

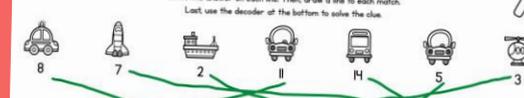
Answer: Word: 14:1 **5**

Answer: Word: 5:1 **6** when

6+3 **9**

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.



Answers: 11 3 8 2 5 14 7

Letters: **A N I M A L S**

Clue #3: The Airplane

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

4+9	10+9	5+6	2+7
M 13	X 19	U 11	S 9
3+3	8+2	1+4	9+9
L 6	X 10	X 5	C 18

Clue 4: Color the Planes

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

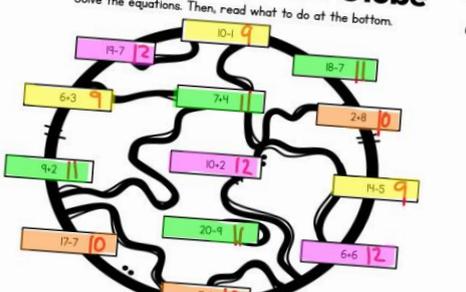
Start at 20. Subtract 5. Then subtract 2. Then subtract 3. What's the answer now? A. 15 -color plane red B. 10 -color plane blue C. 10 -color plane green D. 4 -color plane yellow	Start at 14. Subtract 6. Then subtract 1. Then subtract 4. What's the answer now? A. 6 -color plane red B. 3 -color plane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

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



Which answer did you get most often?
9: with 5 letters 11: with 7 letters
10: with 6 letters 12: with 8 letters

The suitcase is in a place...
Use that answer to figure out the final clue in the key!

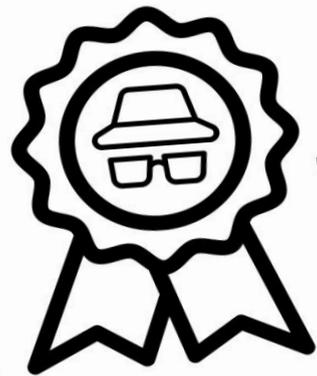
Same clues. Same mystery. Different math!

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

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

You solved the mystery!

11/2

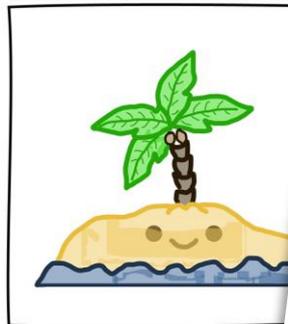
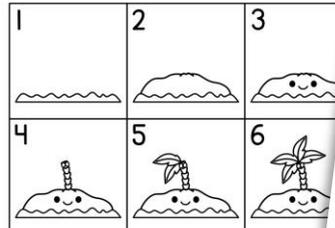
Date

AW

Presented by:

LET'S DRAW...

an island



THE LIFETIME LEARNER

LET'S DRAW...

a volcano



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

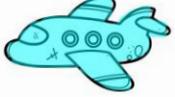
MATH MYSTERY BENEFITS



- 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.

<p>How many items did you buy on Day 1 and Day 3 combined?</p> <p>A. 10 -color plane red B. 16 -color plane blue C. 13 -color plane green D. 7 -color plane yellow</p> 	<p>How many fewer items did you buy on Day 2 than Day 1?</p> <p>A. 1 -color plane red B. 2 -color plane blue C. 3 -color plane green D. 4 -color plane yellow</p> 	<p>How many more items did you buy on Day 3 than Day 4?</p> <p>A. 6 -color plane red B. 3 -color plane blue C. 4 -color plane green D. 7 -color plane yellow</p> 	<p>How many items did you buy in all?</p> <p>A. 23 -color plane red B. 20 -color plane blue C. 13 -color plane green D. 9 -color plane yellow</p> 
<p>• 1 red plane • 0 yellow planes • 0 green planes • 3 blue planes</p> <p>The suitcase is not near any trees.</p>	<p>• 1 red plane • 1 yellow plane • 1 green plane • 1 blue plane</p> <p>The suitcase is not near any famous buildings.</p>	<p>• 1 red plane • 1 yellow plane • 2 green planes • 0 blue planes</p> <p>The suitcase is somewhere near a tree.</p>	<p>• 1 red plane • 1 yellow plane • 0 green planes • 2 blue planes</p> <p>The suitcase is near a famous building.</p>

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

THE LIFETIME LEARNER

In 2nd 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!

Clue #1: Fill in the Blank

25	was		suitcase	5	was	15	4	7	tail	21	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	car	2	11	7	20

Clue #3: The Airplane

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

How many items did you	What day had the least	How many items did you	How many fewer items
------------------------	------------------------	------------------------	----------------------

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 much more money did you spend in India? $\$30$	How much more money did you spend in Italy than France? $\$30$	
How much money did you spend in Canada? $\$30$	How much money did you spend in Italy and Canada in all? $\$126$	How much money did you spend in France? $\$60$
How much less money did you spend in India than France? $\$30$	How much money did you spend in Italy? $\$90$	How much money did you spend in India and Canada in all? $\$60$

The suitcase is in a place...

30: with 7 letters 90: with 5 letters
60: with 6 letters 120: 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 Date AW Presented by:

LET'S DRAW...
an island

1	2	3
4	5	6

LET'S DRAW...
a volcano

1	2	3
4	5	6

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

Clue #1: Find It!
Circle the boxes that have a prefix.

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

can I take a handful	not We have to refill the gas tank so the plane can take off.	eat I am filled with sadness when I get on the plane alone.	food I had a sleepless night on the plane and did not doze off.
sing My brother is fearless and can fly a plane by himself!	you The woman restocks the plane with snacks for us.	eat I am unhappy when my flight has a delay.	
play The plane was peaceful when they turned off the lights.	pretzels The plane feels unsafe when it gets bumpy up in the air.	antlers I am thankful when the plane lands.	tusks My mom is cheerful when we get off the plane.

Write the phrase on the line. Cross the wrong places off your list.
not where you eat pretzels

Example of Clue 1

Math

Clue #1: Fill in the Blank

25	was	11	suitcase	5	was	15	I	7	tall	21	my
6	wasn't	19	pizza		Canada	60	am	10	animal	16	with
22	music		England	50	food	17	deer		Ireland	52	building

Answer: Word: 15 I
How many more people voted for Canada than Germany?

Answer: Word: 50 food
How many more people voted for Canada than Germany?

Answer: Word: 11 suitcase
How many more people voted for Canada than Germany?

Answer: Word: 6 wasn't
Which country got the most votes?

Answer: Word: 25 was
How many people voted for Germany and Ireland?

Answer: Word: 21 my
Which country got the least votes?

Answer: Word: 7 tall
How many people voted for Germany and Ireland?

Answer: Word: 10 animal
Which country got the most votes?

Answer: Word: 16 with
Which country got the least votes?

Answer: Word: 22 music
Which country had the 2nd most votes?

Answer: Word: 19 pizza
Which country had the 2nd most votes?

Answer: Word: 50 food
Which country had the 2nd most votes?

Answer: Word: 17 deer
Which country had the 2nd most votes?

Answer: Word: 52 building
Which country had the 2nd most votes?

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.

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!**

