

WHAT IS THIS?

The image displays a collection of educational materials arranged on a white surface. In the top left, there is a small potted plant with green leaves. Next to it is a white bowl filled with various colored markers. To the right of the bowl are several colorful sticky notes in shades of blue, pink, and orange. Further right is a yellow notebook with a black and white patterned cover. In the center, there are five clue cards stacked on top of each other, each with a different colored border (pink, orange, yellow, blue, and red). The cards contain various puzzles and clues related to a mystery-solving activity. The top card, titled 'solve the mystery', features a red suitcase and the text 'The Case of the Missing Luggage'. The other cards include clues such as 'Clue #1: Fill in the Blank', 'Clue #2: Picture Decoder', 'Clue #3: The Airplane', 'Clue #4: Color the Planes', and 'Clue #5: Travel the Globe'. The bottom right card, titled 'Where is the Suitcase?', shows a grid of eight countries with corresponding icons and a red 'X' over each, indicating that the suitcase is not in any of these locations. The countries are Italy, Japan, Canada, Germany, England, India, France, and Ireland. The England card is highlighted in green.

Clue #1: Fill in the Blank

25 was 11 suitcase 15 was 17 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 items did you buy on Day 1 and Day 3 combined?

How many fewer items did you buy on Day 2 than Day 1?

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

How many items did you buy in all?

Clue #5: Travel the Globe

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

8x6 48 12x3 36 4x6 24 4x3 12 9x4 36 6x2 12 12x2 24 3x2 36 6x6 36 4x2 48 3x8 24 1x2 12

The suitcase is in a place...









12: with 5 letters 36: with 7 letters 24: with 6 letters 48: with 8 letters

Which answer did you get most often?

Use that answer to figure out the final clue in the key!

Where is the Suitcase?

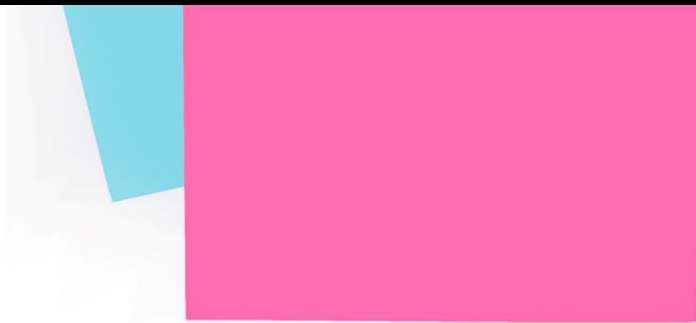
Figure out where you left the missing suitcase by solving each clue.

 Italy	 Japan	 Canada	 Germany
 England	 India	 France	 Ireland

Name: _____

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

9	was	5	suitcase	10	was	12	I	16	tall	15	my
19	wasn't	14	pizza	6	when	17	am	2	animal	8	with
3	music	20	lost	11	food	4	deer	13	eating	1	building






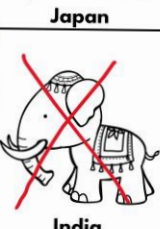


Answer:	Word:	Answer:	Word:	Answer:	Word:
4+8	12	I	2+9	11	food
5+14	19	wasn't	5+1	6	when
10+3	13	eating	7+8	15	my

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

Clue #1: Fill in the Blank

15	36	49	72	108	56
was	suitcase	was	I	tall	my
20	81	11		animal	with
wasn't	pizza				
32	96				
music	lost				

Answer: $12 \times 6 = 72$ Word: **I**

Answer: $4 \times 5 = 20$ Word: **wasn't**

Answer: $10 \times 3 = 30$ Word: **eating**

Solve each problem. Write the answer words in order from top to bottom.

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.

12	4	10	9	2	7	8

Answers: $81 \div 9 = 9$ $48 \div 6 = 8$ $144 \div 12 = 12$ $50 \div 5 = 10$ $63 \div 9 = 7$ $16 \div 8 = 2$ $20 \div 5 = 4$

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

The suitcase isn't around any...

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 =	

Clue #3: The Airplane

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

$6 \times 2 = 12$	$3 \times 5 = 15$
$7 \times 4 = 28$	$10 \times 3 = 30$

not near any

- Version 1:
Addition & Subtraction Facts
- Version 2:
Multiplication & Division Facts

All clues focus on reviewing math facts!

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.

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

Cross out the letters with the following answers;
5, 10, 19
Which letters are left? Write them on the line.

The suitcase is not near any
MUSIC

3 Clue Version

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 How many How many How many

Clue #5: Travel the Globe

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

19-7 10+9 18-7 6+3 7+4 2+8

5 Clue Version

Which answer did you get most often?

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

Use that answer to figure out the final clue in the key!

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
I 6	X 10	X 5	C 18

Cross out the letters with the following answers;
5, 10, 19
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.

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

Cross out the letters with the following answers;
5, 10, 19
Which letters are left? Write them on the line.

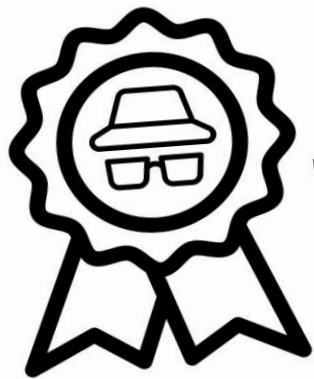
The suitcase is not near any
MUSIC

Short & Long Options

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

You solved the mystery!

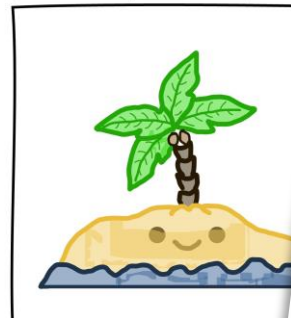
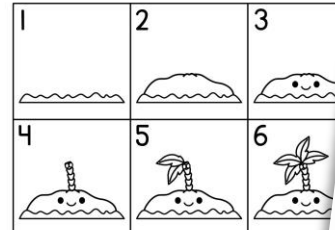
11/2

Date

AW

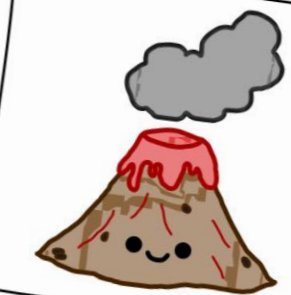
Presented by:

LET'S DRAW...
an island



THE LIFETIME LEARNER

LET'S DRAW...
a volcano



THE LIFETIME LEARNER

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
- 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.

Which answer choice is not a way to get a quotient of 4?	Which answer choice is a way to get a quotient of 9?	Which answer choice is not a way to get a quotient of 3?	Which answer choice is a way to get a quotient of 7?
A. $24 \div 6$ color plane red B. $44 \div 10$ color plane blue C. $28 \div 7$ color plane green D. $36 \div 9$ color plane yellow	A. $72 \div 9$ color plane red B. $54 \div 6$ color plane blue C. $63 \div 8$ color plane green D. $80 \div 10$ color plane yellow	A. $15 \div 5$ color plane red B. $30 \div 10$ color plane blue C. $21 \div 7$ color plane green D. $18 \div 4$ color plane yellow	A. $42 \div 6$ color plane red B. $40 \div 5$ color plane blue C. $56 \div 7$ color plane green D. $35 \div 8$ color plane yellow
			
<ul style="list-style-type: none">• 1 red plane• 0 yellow planes• 0 green planes• 3 blue planes <p>The suitcase is not near any trees.</p>	<ul style="list-style-type: none">• 1 red plane• 1 yellow plane• 1 green plane• 1 blue plane <p>The suitcase is not near any famous buildings.</p>	<ul style="list-style-type: none">• 1 red plane• 1 yellow plane• 2 green planes• 0 blue planes <p>The suitcase is somewhere near a tree.</p>	<ul style="list-style-type: none">• 1 red plane• 1 yellow plane• 0 green planes• 2 blue planes <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

This can be used in partners, small groups with the teacher, table groups, centers, and more!

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 11 5 15 7 21

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.

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.

14-7 = 7 10-1 = 9 18-7 = 11 6+3 = 9 7-4 = 3 2+8 = 10 4-2 = 2 10-2 = 8 14-5 = 9 17-7 = 10 20-9 = 11 6+6 = 12 7-3 = 4

The suitcase is in a place...

9: with 5 letters 11: with 7 letters
10: 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 Date Presented by: **AW**

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 adjectives that describe traveling.
Read the words you circled from left to right like a book to solve the clue.

can	not	eat	food
exciting	lumpy	pointy	eat
sing	sticky	adventurous	noisy
play	pretzels	antlers	tusks
purple	crowded	furry	ten

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

9	was	5	surfcase	10	was	12	I	16	tall	15	my
19	wasn't	14	pizza	6	when	17	am	2	animal	8	with
3	music	20	lost	11	food	4	deer	13	eating	1	building

Answer: Word: 12 I 2+9 11 food 1+4 5 suitcase
3+1 19 wasn't 5+1 6 when 6+3 9 was
10+3 13 eating 7+8 15 my 12+8 20 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.

KEEP THE FUN GOING!

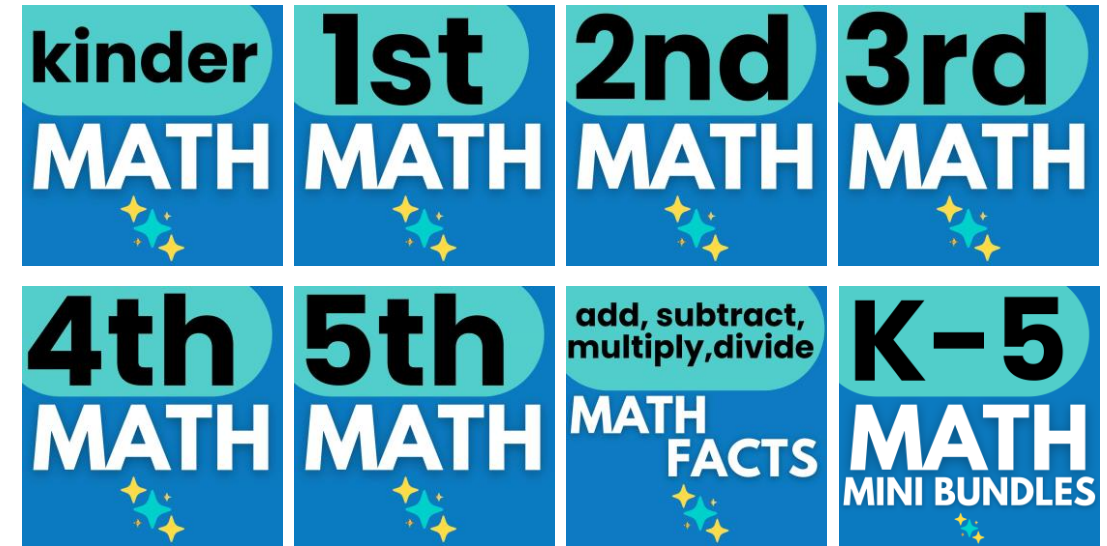
GRAB A **READING MYSTERY**:

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!**

