

WHAT IS THIS?

Clue #1: Sorting Cupcakes
Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Clue #2: Picture Decoder
Draw a line to each match. Then, use the decoder at the bottom to solve the clue.

Clue #3: Right or Wrong?
Did the kid write the correct comparison symbol? Color the heart in to show if you agree.

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

Clue #5: Fill in the Blank

335	790	350	555	705	330
245	460	455	340	560	700
550	250	240	710	465	795

Answer: Word: 495,595, 695, **795** Party
Answer: Word: 440,445, 450, **455** one
Answer: Word: 35,135, 235, **335** the
250,350, 450, **550** house
225,230, 235, **240** heart
685,690, 695, **700** front
215,225, 235, **245** has
675, 685, 695, **705** above
430,440, 450, **460** door

solve the mystery

The Case of the Valentine Party

Where is the Party?
Figure out where the Valentine's Day party is being held by solving each clue.

99 Love Lane	44 Love Lane	72 Candy Road	55 Candy Road
33 Heart Way	88 Heart Way	22 Rose Street	66 Rose Street

Name: _____

Students complete a series of clues to figure out where the Valentine Party is!

HOW TO PLAY

What Happened?

Whoops! You lost the address of the place where the Valentine's Day party is being held. Help figure out where the party is by solving each clue so you can arrive on time!

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



Clue #1: Sorting Cupcakes

Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

24 82-58=	26 55-29=	26 100-74=	24 61-37=
27 64-37=	25 78-53=	24 96-72=	26 38-12=
27 80-53=			

- 3 pink cupcakes
- 1 purple cupcake
- 4 red cupcakes
- 2 blue cupcakes

Cross out houses with 1 tree in the front yard.

- 3 pink cupcakes
- 2 purple cupcakes
- 3 red cupcakes
- 2 blue cupcakes

Cross out houses with 2 trees in the front yard.

- 3 pink cupcakes
- 3 purple cupcakes
- 2 red cupcakes
- 2 blue cupcakes

Cross out houses with any bushes in the front yard.

- 2 pink cupcakes
- 3 purple cupcakes
- 2 red cupcakes
- 3 blue cupcakes

Cross out houses with windows.

Where is the Party?

Figure out where the Valentine's Day party is being held by solving each clue.

99 Love Lane	44 Love Lane	77 Candy Road	55 Candy Road
33 Heart Way	88 Heart Way	22 Rose Street	66 Rose Street

Name: _____

Each time students solve a clue, it will reveal what place(s) to cross out.

When all clues are completed, the mystery of the Valentine Party will be solved!

SKILL PRACTICE

Clue #1: Sorting Cupcakes
Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

24 pink
25 purple
26 red
27 blue

82-58=24
55-29=26
64-37=27
78-53=25

- 3 pink cupcakes
- 1 purple cupcake
- 4 red cupcakes
- 2 blue cupcakes

Cross out houses with 1 tree in the front yard.

Clue #2: Picture Decoder
Draw a line to each match. Then, use the decoder at the bottom to solve the clue.

Answers: Circle cut in fourths, Rectangle cut in thirds, Square cut in half, Rectangle cut in fourths, Circle cut in thirds, Rectangle cut in half, Square cut in thirds, Circle cut in half, Square cut in fourths

Letters: C A N D Y R O A D

The party is NOT on...

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

A = [Envelope]	G = [Globe]	M = [Mitten]	S = [Spoon]	Y = [Yo-yo]
B = [Belly button]	H = [Heart]	N = [Nose]	T = [Tongue]	Z = [Zebra]
C = [Candy]	I = [Ice cream cone]	O = [Owl]	U = [Umbrella]	
D = [Doll]	J = [Jelly bean]	P = [Pencil]	V = [Van]	
E = [Egg]	K = [Kite]	Q = [Queen]	W = [Wagon]	
F = [Finger]	L = [Lemon]	R = [Ribbon]	X = [X-ray]	

Clue #3: Right or Wrong?
Write the correct comparison symbol? Color the heart in to show if you agree.

397 < 400
Two hundred fifty-eight < Two hundred eighty-eight
90 + 300 > 8 + 70 + 500
441 > 414
Four hundred sixty-three = Four hundred thirty-six

66 Rose Street.
99 Love Lane.
33 Heart Way.
22 Rose Street.

- Skip Counting by 5s, 10s, 100s
- Compare 3 Digit Numbers
- Halves, Thirds, & Fourths
- Add to 100 (2 Digit Numbers)
- Subtract to 100 (2 Digit Numbers)
- Valentine-Themed
- Error Analysis Practice

All clues focus on reviewing 2nd grade math skills!

MULTIPLE VERSIONS



Print & Digital Forms

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Clue #3: Right or Wrong?
Did the kid write the correct comparison symbol? Color the heart in to show if you agree.

3 Clue Version

In each box, color a happy heart or a sad heart to show if the answer is correct. How many answers were correct?

1 Correct = Cross out 77 Candy Road.
2 Correct = Cross out 44 Love Lane.
3 Correct = Cross out 55 Candy Road.
4 Correct = Cross out 88 Heart Way.

5 Correct = Cross out 66 Rose Street.
6 Correct = Cross out 99 Love Lane.
7 Correct = Cross out 33 Heart Way.
8 Correct = Cross out 22 Rose Street.

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

Clue #5: Fill in the Blank

335	790	350	555	705	330
245	460	455	340	560	700
550					795

Answers: 245, 705, 460

Words: the, front, door

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.

Clue #1: Sorting Cupcakes
Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

24	25	26	27
pink	purple	red	blue

82-58=, 55-29=, 100-74=, 61-37=, 49-24=, 64-37=, 78-53=, 96-72=, 38-12=

- 3 pink cupcakes, 1 purple cupcake, 4 red cupcakes, 2 blue cupcakes
- 3 pink cupcakes, 2 purple cupcakes, 3 red cupcakes, 2 blue cupcakes
- 3 pink cupcakes, 3 purple cupcakes, 2 red cupcakes, 2 blue cupcakes
- 2 pink cupcakes, 3 purple cupcakes, 2 red cupcakes, 3 blue cupcakes

Cross out houses with 1 tree in the front yard.
Cross out houses with 2 trees in the front yard.
Cross out houses with any bushes in the front yard.
Cross out houses with windows.

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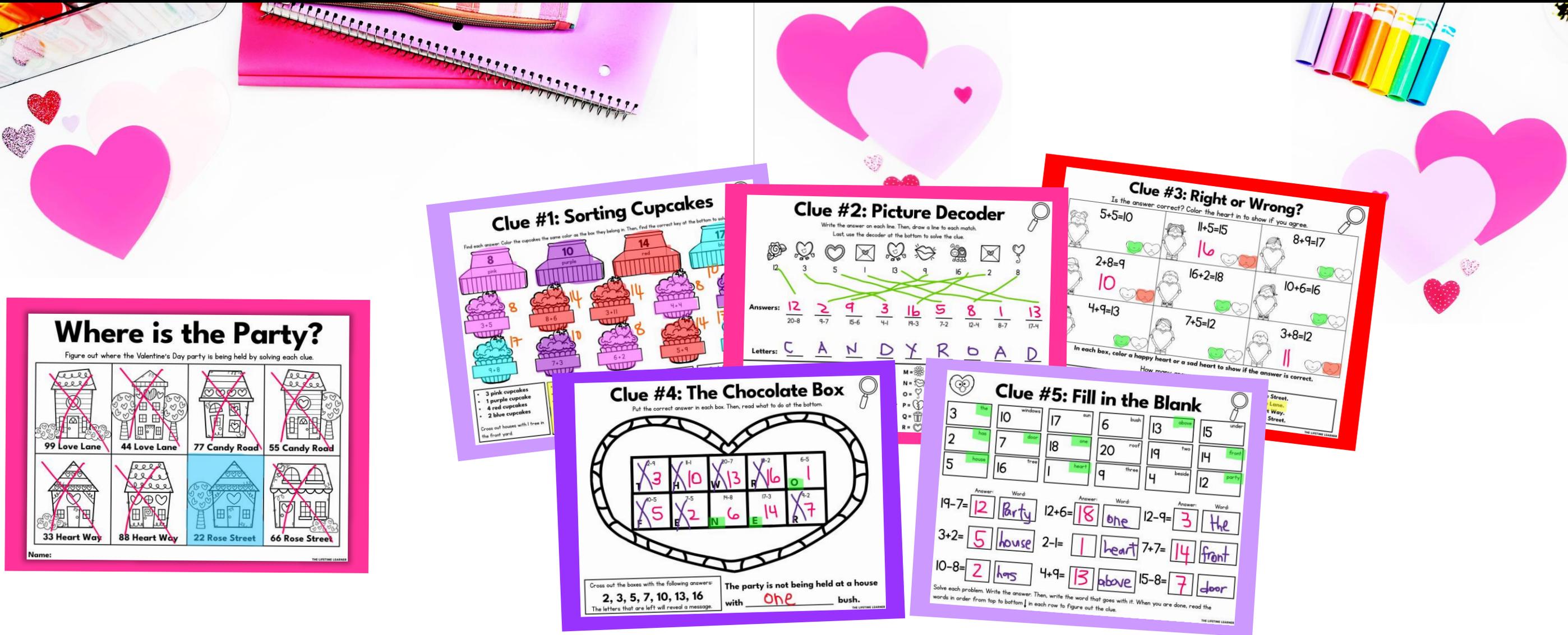
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Short & Long Options

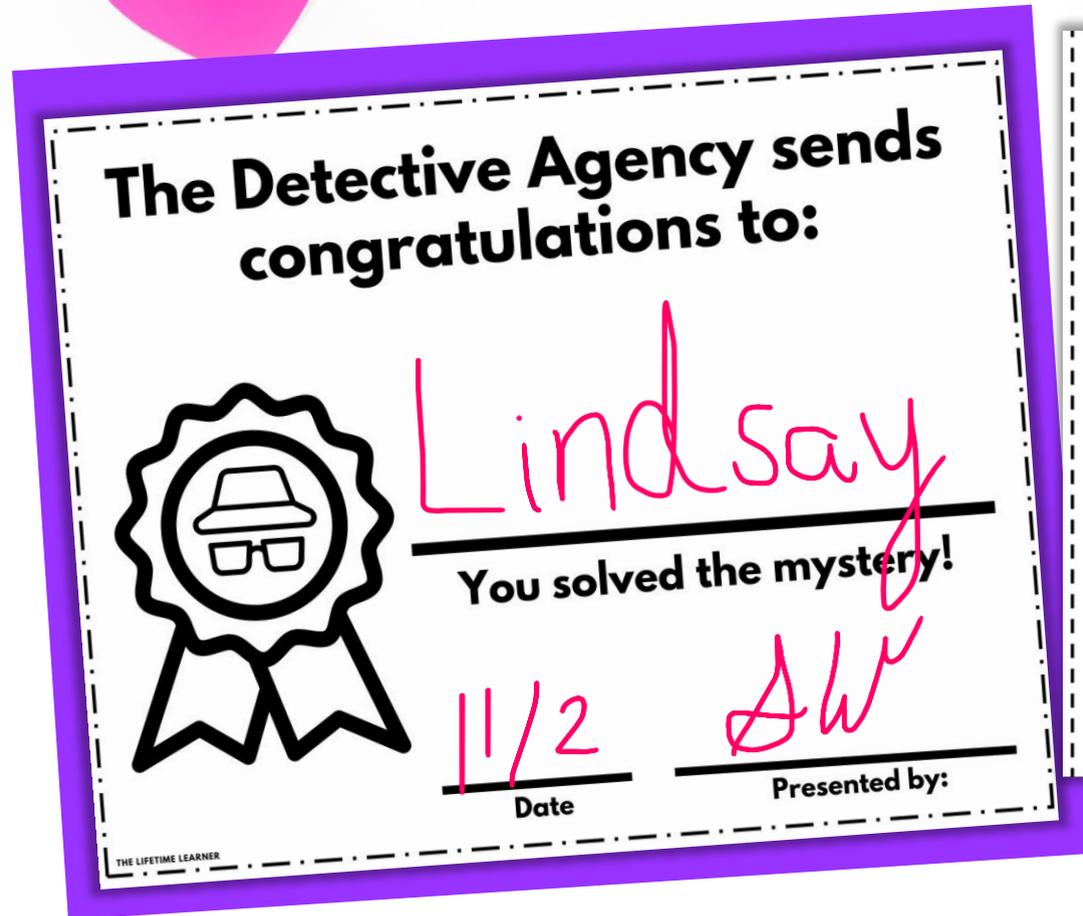
MATH FACT VERSION!



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: The Chocolate Box 

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

45+27 T 72	18+66 H 84	21+34 W 55	11+86 R 97	49+42 O 91
20+14 F 34	53+39 E 92	72+16 N 88	29+51 E 80	44+25 R 69

Cross out the boxes with the following answers:
72, 84, 92, 69, 34, 55, 97

The letters that are left will reveal a message.

The party is not being held at a house
with one bush.

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!

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Answer: Word: 495,595, 695, **795** Party; 440,445, 450, **455** one; 35,135, 235, **335** the

Answer: Word: 250,350, 450, **550** house; 225,230, 235, **240** heart; 685,690, 695, **700** front

Answer: Word: 215,225, 235, **245** has; 675, 685, 695, **705** above; 430,440, 450, **460** door

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 Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

1/12 **AW**

Date Presented by:

LET'S DRAW... a cupcake

LET'S DRAW... an envelope

Color It!

Where is the Party?
Figure out where the Valentine's Day party is being held by solving each clue.

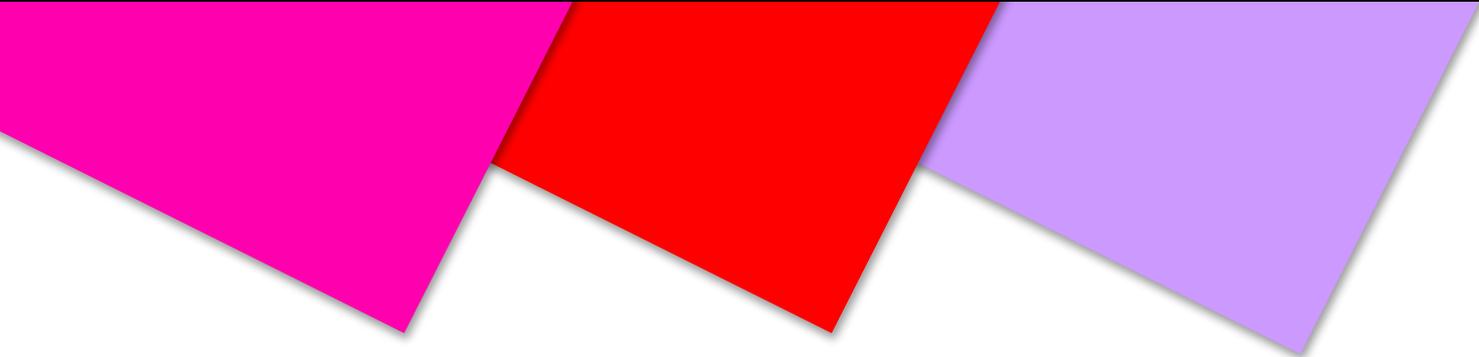
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Name:

solve the mystery

The Case of the Valentine Party

WHAT MAKES MATH MYSTERIES UNIQUE?



Reading

Clue #1: Color the Chocolates

Look at each picture. Find the correct word. Color in each chocolate box. Then, read the bottom.

color it pink	roof - color it pink	apron - color it pink	broom - color it pink	coop - color it pink	
color it purple	cassoon - color it purple	hook - color it purple	blom - color it purple	wood - color it purple	
color it red	room - color it red	shampoo - color it red	bambou - color it red	soole - color it red	
color it blue	roof - color it blue	tool - color it blue	boot - color it blue	roof - color it blue	

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

<ul style="list-style-type: none">1 pink box1 purple box2 red boxes2 blue boxes <p>The party house does not have <u>three</u> windows.</p>	<ul style="list-style-type: none">2 pink boxes2 purple boxes1 red box1 blue box <p>The party house does not have <u>four</u> windows.</p>	<ul style="list-style-type: none">1 pink box2 purple boxes1 red box2 blue boxes <p>The party house does not have <u>five</u> windows.</p>	<ul style="list-style-type: none">1 pink box2 purple boxes2 red boxes1 blue box <p>The party house does not have <u>six</u> windows.</p>
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Example of Clue 1

Math

Clue #1: Sorting Cupcakes

Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

24 pink	25 purple	26 red	27 blue
24 8 =	26 55 - 29 =	26 100 - 74 =	24 61 - 37 =
27 37 =	25 78 - 53 =	24 96 - 72 =	26 38 - 12 =
25 49 - 24 =	27 80 - 53 =		

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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.

KEEP THE FUN GOING!

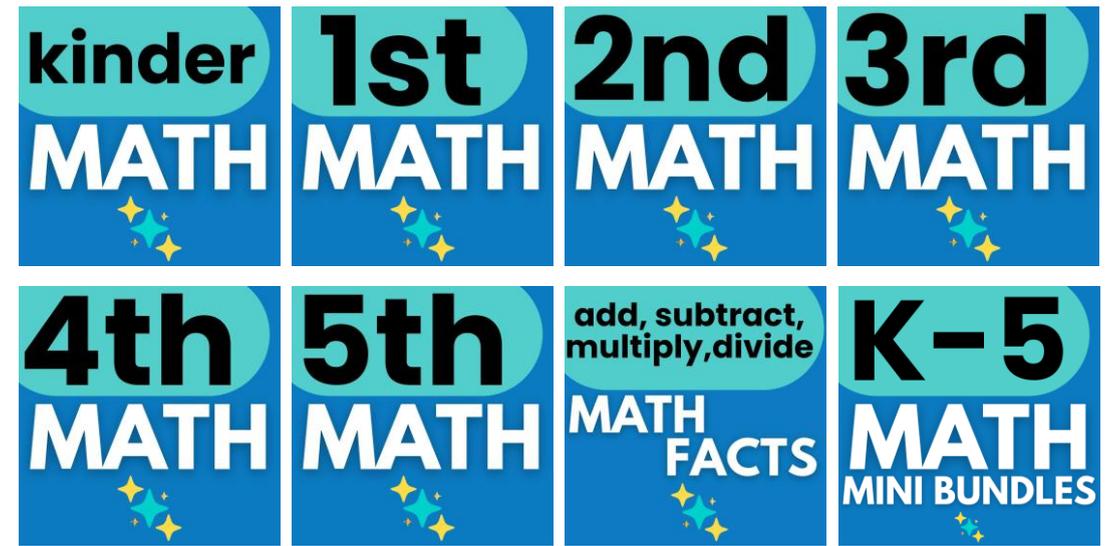
GRAB A **READING MYSTERY**:

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!

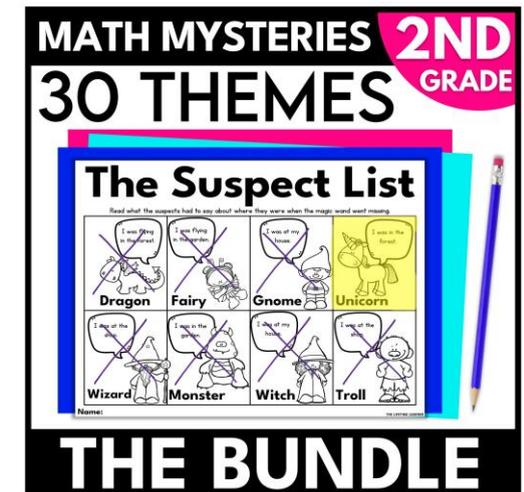


MORE **MATH MYSTERIES**:

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



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TO SAVE BIG!**



THE BUNDLE