

# WHAT IS THIS?

**Clue #1: 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 #2: Who Has More?**  
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

**Clue #3: The Rainbow**  
You have 2455 ounces of green juice. You find 3761 more ounces. How many do you have now?  
The first year, you got 100 pounds. You have 100 pounds more than that.

**Clue #4: Right or Wrong?**  
Color the hat green if the answer is correct. Color the hat red if it's wrong.

**Clue #5: Fill in the Blank**

golden line	triangle	pentagon	ray	oval	hexagon
square	heptagon	moon	rhombus	quadrilateral	Line segment
trapezoid	rectangle	parallelogram	heart	octagon	star

Answers: Word: Square The octagon of trapezoid in  
Parallelogram with all equal sides and 4 right angles. Polygon with 8 sides. Quadrilateral with 1 set of parallel sides.  
Parallelogram with all equal sides and no right angles. Parallelogram with 4 right angles. Polygon with 5 sides.  
Polygon with 3 sides. Polygon with 6 sides. Quadrilateral with 2 sets of parallel sides.

**Where is the Gold?**  
Figure out where the leprechaun hid the gold by solving the clues.

Locations marked with red X's: RAINBOW FALLS, LUCKY CHARM INN, TREASURE MOUNTAIN, SILVER BRIDGE, RAINBOW RIVER, GOLDEN FIELDS, LEPRECHAUN VILLAGE.

Location circled in green: CLOVER FOREST.

Name: \_\_\_\_\_

Students complete a series of clues to figure out where the missing coins are!

# HOW TO PLAY



## What Happened?

The pot of gold at the end of the rainbow is missing! A leprechaun found it and hid it somewhere on the map. Now, it's up to you to figure out where they hid the gold.

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



THE LIFETIME LEARNER

## Clue #1: 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.

68,838	8,118	47,957	22,610	14,030	12,267
<hr/>					
Answers: <u>8,118</u>	<u>12,267</u>	<u>22,610</u>	<u>68,838</u>	<u>14,030</u>	<u>47,957</u>
18x451	29x423	85x266	77x894	46x305	91x527

Letters: H O U S E S

The missing gold is not near 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 =	

## Where is the Gold?

Figure out where the leprechaun hid the gold by solving the clues.



Name: \_\_\_\_\_

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what place(s) to cross out.  
When all clues are completed, the mystery of the missing coins will be solved!

# SKILL PRACTICE

- Add and Subtract Mixed Numbers with Unlike Denominators
- 2 by 3 Digit Multiplication
- Multiply Fractions by Fractions
- Add and Subtract Decimals
- Word Problems
- Geometry
- St. Patrick's Day-Themed
- Error Analysis Practice

**Clue #1: 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:  $68,838 \times 122$  = 8,118  
 $18 \times 451$  = 8,118

Letters: H O

The missing gold is not near any...

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

**Clue #2: Who Has More?**  
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

Treasure Mountain	Operation	Rainbow Falls
$\frac{1}{3}$	$\frac{2}{3} \times \frac{4}{8}$	$\frac{1}{4}$
$\frac{2}{3}$	$\frac{3}{4} \times \frac{2}{6}$	$\frac{1}{4}$
$\frac{4}{15}$	$\frac{8}{10} \times \frac{1}{3}$	$\frac{6}{15}$
$\frac{6}{20}$	$\frac{3}{5} \times \frac{2}{8}$	$\frac{3}{20}$

**Clue #3: The Rainbow**  
You have 100 pounds of gold. You have 2455 ounces of green juice. You find 3,761 more ounces. How many do you have now?  
The first year, you got 86.423 inches of rain. The second year, you got 86.423 inches of rain. How many fewer inches of rain did you get the second year?  
You have 75.1 river forest. You find 6.216 water. How many more do you have now?  
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**All clues focus on reviewing 5<sup>th</sup> grade math standards!**

# MULTIPLE VERSIONS



## Print & Digital Forms

### Clue #1: 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 2: Who Has More?

Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

### Clue #3: The Rainbow

You have 2455 ounces of gold. You find 3761 more ounces. How many ounces do you have now?  
The first year you got 86423 ounces of rain. The second year you got 34535 ounces. How many more ounces of rain did you get the second year?  
You have 100 pounds of clovers. How many pounds of clovers do you have now?  
The first leg of a rainbow weighs 2753 pounds. The second leg weighs 34535 pounds. How many more pounds does the second leg weigh?

## 3 Clue Version

Cross out the following answers:  
6.216, 50.432, 34.535, 75.1  
What word is left? Write it on the line.

The missing gold is NOT near any  
bridge

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### Clue #3: The Rainbow

You have 2455 ounces of gold. You find 3761 more ounces. How many ounces do you have now?

### Clue #4: Right or Wrong?

Color the hat green if the answer is correct. Color the hat red if it's wrong.

### Clue #5: Fill in the Blank

golden line	triangle	pentagon	ray	oval	hexagon
the square	grass heptagon	isn't moon	missing rhombus	field quadrilateral	Line have segment
trapezoid	with 3 sides	with 4 right angles	with 5 right angles	with 6 sides	with 7 sides

Answer: Square  
Word: In

Polygon with 3 sides: triangle  
Polygon with 6 sides: hexagon  
Quadrilateral with 2 sets of parallel sides: parallelogram

Polygons with 3 sides: triangle  
Polygons with 6 sides: hexagon  
Quadrilaterals with 2 sets of parallel sides: parallelogram

## 5 Clue Version

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 2: Who Has More?

Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

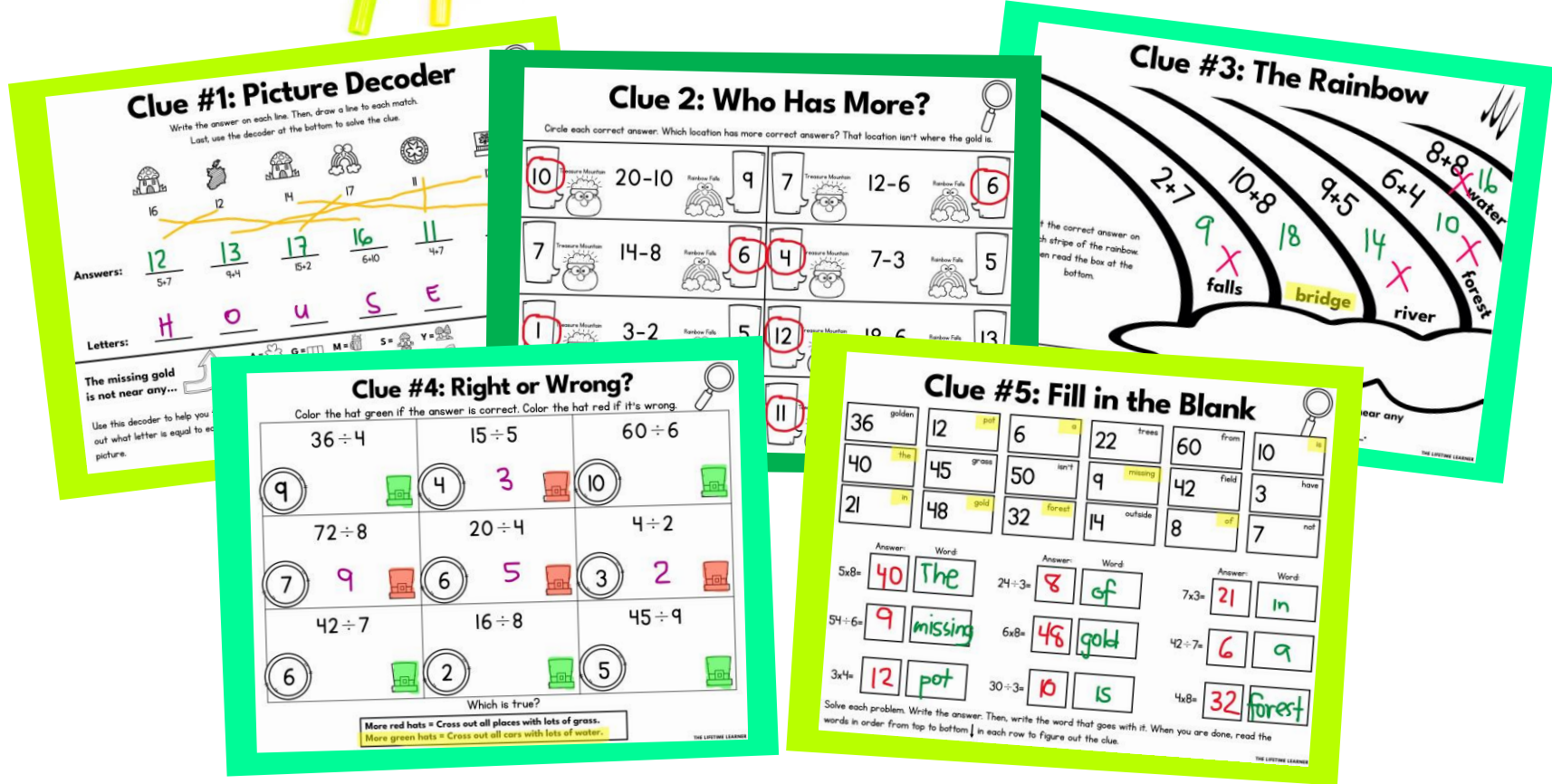
$\frac{1}{3}$	Treasure Mountain	$\frac{2}{3} \times \frac{4}{8}$	Rainbow Falls	$\frac{1}{4}$	Treasure Mountain	$\frac{5}{6} \times \frac{2}{4}$	Rainbow Falls	$\frac{4}{5}$
$\frac{2}{3}$	Treasure Mountain	$\frac{3}{4} \times \frac{2}{6}$	Rainbow Falls	$\frac{1}{4}$	Treasure Mountain	$\frac{6}{8} \times \frac{2}{3}$	Rainbow Falls	$\frac{1}{3}$
$\frac{4}{15}$	Treasure Mountain	$\frac{8}{10} \times \frac{1}{3}$	Rainbow Falls	$\frac{6}{15}$	Treasure Mountain	$\frac{1}{5}$	Treasure Mountain	$\frac{1}{4} \times \frac{4}{6}$
$\frac{6}{20}$	Treasure Mountain	$\frac{3}{5} \times \frac{2}{8}$	Rainbow Falls	$\frac{3}{20}$	Treasure Mountain	$\frac{2}{5}$	Treasure Mountain	$\frac{3}{6} \times \frac{4}{5}$

### Clue 2: Who Has More?

Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

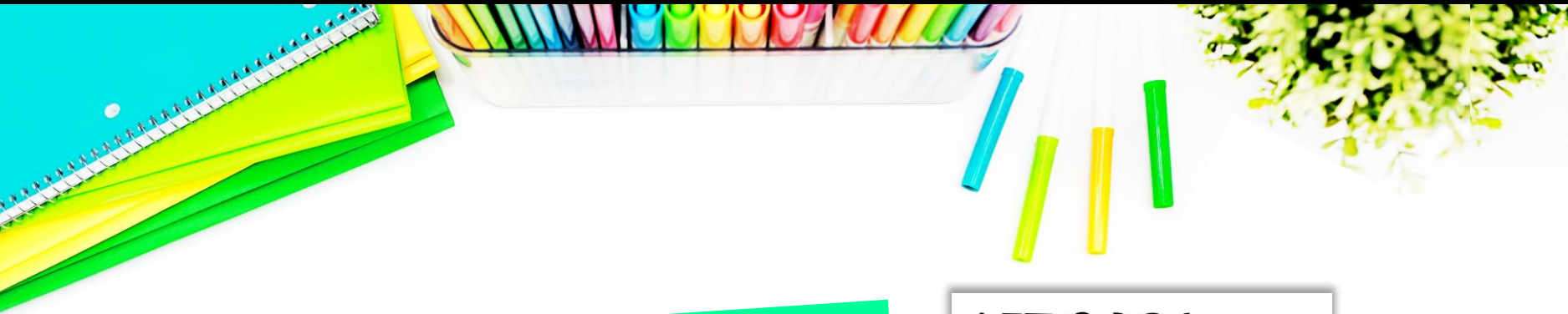
$\frac{1}{3}$	Treasure Mountain	$\frac{2}{3} \times \frac{4}{8}$	Rainbow Falls	$\frac{1}{4}$	Treasure Mountain	$\frac{5}{6} \times \frac{2}{4}$	Rainbow Falls	$\frac{4}{5}$
$\frac{2}{3}$	Treasure Mountain	$\frac{3}{4} \times \frac{2}{6}$	Rainbow Falls	$\frac{1}{4}$	Treasure Mountain	$\frac{6}{8} \times \frac{2}{3}$	Rainbow Falls	$\frac{1}{3}$
$\frac{4}{15}$	Treasure Mountain	$\frac{8}{10} \times \frac{1}{3}$	Rainbow Falls	$\frac{6}{15}$	Treasure Mountain	$\frac{1}{5}$	Treasure Mountain	$\frac{1}{4} \times \frac{4}{6}$
$\frac{6}{20}$	Treasure Mountain	$\frac{3}{5} \times \frac{2}{8}$	Rainbow Falls	$\frac{3}{20}$	Treasure Mountain	$\frac{2}{5}$	Treasure Mountain	$\frac{3}{6} \times \frac{4}{5}$

## Short & Long Options

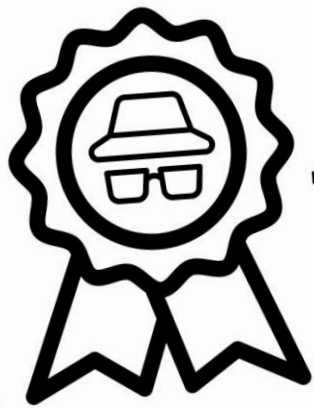


Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

# FAST FINISHER ACTIVITY



**The Detective Agency sends  
congratulations to:**



*Lindsay*

**You solved the mystery!**

*11/2*

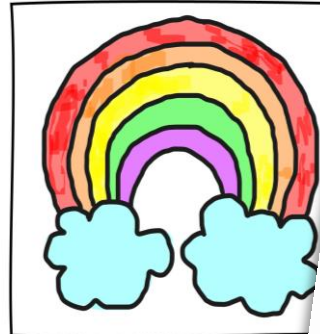
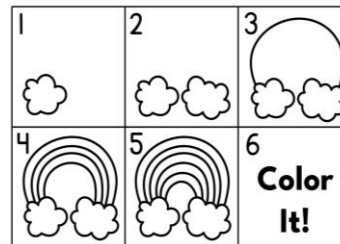
Date

*AW*

Presented by:

**LET'S DRAW...**

**a rainbow**



THE LIFETIME LEARNER

**LET'S DRAW...**

**a top hat**



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
- Extra Math Facts Mystery
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

**Clue #4: Right or Wrong?**

Color the hat green if the answer is correct. Color the hat red if it's wrong.

$3\frac{3}{4} + 2\frac{5}{8}$ $6\frac{3}{8}$ 	$7\frac{1}{2} - 5\frac{7}{8}$ $1\frac{3}{8}$ $1\frac{5}{8}$ 	$4\frac{3}{4} + 3\frac{1}{2}$ $8\frac{1}{4}$ 
$5\frac{2}{3} - 4\frac{7}{12}$ $\frac{11}{12}$ $1\frac{1}{12}$ 	$2\frac{2}{3} + 1\frac{3}{4}$ $5\frac{5}{12}$ $4\frac{5}{12}$ 	$8\frac{2}{4} - 2\frac{9}{12}$ $5\frac{1}{4}$ $5\frac{3}{4}$ 
$6\frac{1}{2} + 3\frac{2}{3}$ $10\frac{1}{6}$ 	$8\frac{8}{12} - 4\frac{5}{6}$ $3\frac{5}{6}$ 	$2\frac{4}{6} + 5\frac{2}{3}$ $8\frac{1}{3}$ 

Which is true?

More red hats = Cross out all places with lots of grass.  
More green hats = Cross out all cars with lots of water.

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In 5<sup>th</sup> 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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**Clue 2: Who Has More?**  
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

**Clue #3: The Rainbow**  
You have 6 green hats. You have more. How many do you have?

**Clue #4: Right or Wrong?**  
Color the hat green if the answer is correct. Color the hat red if it's wrong.

**Clue #5: Fill in the Blank**

golden line	triangle	pentagon	ray	oval	hexagon
square	heptagon	moon	rhombus	quadrilateral	Line segment
trapezoid	rectangle	parallelogram	heart	octagon	star

Answers: Word: Polygon with 8 sides: octagon of Quadrilateral with 1 set of parallel sides: trapezoid in Polygon with 5 sides: pentagon a Polygon with 6 sides: hexagon is Quadrilateral with 2 sets of parallel sides: parallelogram forest

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!**

**11/2** **AW**

Date Presented by:

**LET'S DRAW...**

**a rainbow**

1 2 3 4 5 6 Color It!

**LET'S DRAW...**

**a top hat**

1 2 3 4 5 6 Color It!

**Where is the Gold?**  
Figure out where the leprechaun hid the gold by solving the clues.



Name:

**solve the mystery**



**The Case of the Missing Gold Coins**

THE LIFETIME LEARNER

# 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: Color the Kids

What part of speech are the rhyming words in each sentence? Circle the answer. Then, color in each kid.

The leprechaun did a little wiggle, and the children began	A little green gnome ran back to his home.	Sadly, the leprechaun was acting badly.	The small shamrock grew on a tall hill.	The kids make green dough and bake shamrock cookies for the party.	The silly leprechaun wore shorts on a chilly March morning.
<input type="checkbox"/> color it red <input type="checkbox"/> or it green <input type="checkbox"/> or it yellow <input type="checkbox"/> color it blue	<input type="checkbox"/> adjectives - color it red <input type="checkbox"/> verbs - color it green <input type="checkbox"/> nouns - color it yellow <input type="checkbox"/> adverbs - color it blue	<input type="checkbox"/> adjectives - color it red <input type="checkbox"/> verbs - color it green <input type="checkbox"/> nouns - color it yellow <input type="checkbox"/> adverbs - color it blue	<input type="checkbox"/> adjectives - color it red <input type="checkbox"/> verbs - color it green <input type="checkbox"/> nouns - color it yellow <input type="checkbox"/> adverbs - color it blue	<input type="checkbox"/> adjectives - color it red <input type="checkbox"/> verbs - color it green <input type="checkbox"/> nouns - color it yellow <input type="checkbox"/> adverbs - color it blue	<input type="checkbox"/> adjectives - color it red <input type="checkbox"/> verbs - color it green <input type="checkbox"/> nouns - color it yellow <input type="checkbox"/> adverbs - color it blue

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

<ul style="list-style-type: none"><li>1 red kid</li><li>1 blue kid</li><li>2 green kids</li><li>2 yellow kids</li></ul> <p>The gold is not in a place filled with trees.</p>	<ul style="list-style-type: none"><li>2 red kids</li><li>2 blue kids</li><li>1 green kid</li><li>1 yellow kid</li></ul> <p>The gold is not in a place with water.</p>	<ul style="list-style-type: none"><li>2 red kids</li><li>1 blue kid</li><li>2 green kids</li><li>1 yellow kid</li></ul> <p>The gold is not where it's hard to climb.</p>	<ul style="list-style-type: none"><li>1 red kid</li><li>2 blue kids</li><li>1 green kid</li><li>2 yellow kids</li></ul> <p>The gold is not in a place like a hotel.</p>
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8,118	12,267	22,610	68,838	14,030	47,957
18x451	29x423	85x266	77x894	46x305	91x527
H	O	U	S	E	S

The missing gold is not near 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 =	

# KEEP THE FUN GOING!

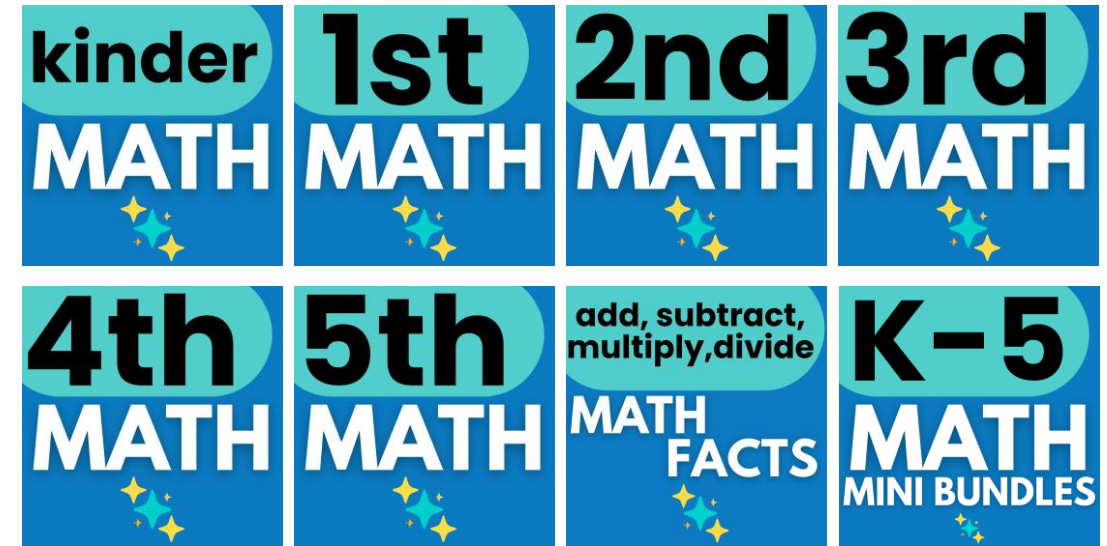
## GRAB A READING MYSTERY:

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!

