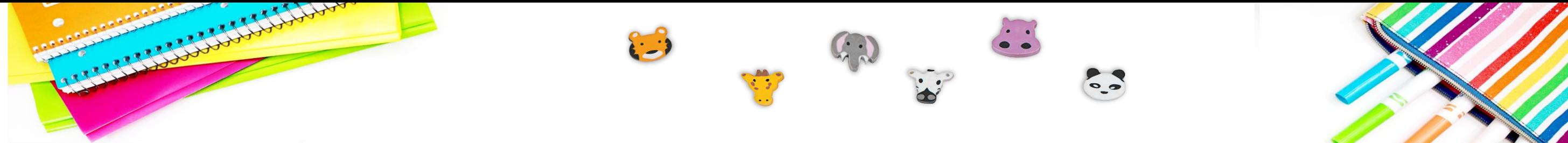


# WHAT IS THIS?



**Clue #1: Right or Wrong?**  
Look at the top of each hierarchy. Is the correct term written there? Color the thumb to show if you agree.

**Clue #2: Multiple Choice**  
Answer each multiple choice question. Circle the right answer. Then read the bottom.

**Clue #3: Sorting Animals**  
Color the shapes the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue.

**Clue #4: The Zoo Entrance**  
Decide if each box is true or false. Put a T or an F. Then, read what to do at the bottom.

**Clue #5: Descrambler**  
Use the words near each hierarchy to fill in. Whatever word is next to the letter should match up with the bottom. When the letters are unscrambled, they will make up the clue.

**WELCOME TO THE**

**Clue #5: Descrambler (Detailed)**  
Place the correct letter on top of each matching answer.  
The missing animal lives in the forest Zone.  
F O R E S T

**solve the mystery**

**The Case of the Missing Zoo Animal**

THE LIFETIME LEARNER

**What Animal Escaped?**

Solve the clues to figure out where the safari group is currently located.

<del>I live in the Mountain Zone at the zoo.</del>  <b>Panda</b>	<del>I live in the Forest Zone at the zoo.</del>  <b>Peacock</b>	<b>I live in Forest Zone at the zoo.</b>  <b>Snake</b>	<del>I live in Water Zone at the zoo.</del>  <b>Seal</b>
<del>I live in the Arctic Zone at the zoo.</del>  <b>Penguin</b>	<del>I live in Water Zone at the zoo.</del>  <b>Flamingo</b>	<del>I live in the Arctic Zone at the zoo.</del>  <b>Polar Bear</b>	<del>I live in the African Zone at the zoo.</del>  <b>Hippo</b>

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

THE LIFETIME LEARNER

Students complete a series of clues to figure out what animal escaped the zoo!

# HOW TO PLAY



## What Happened?

An animal has escaped from the zoo! You need to know what animal it is so the animal can be located. Help figure out which animal is missing by solving the clues.

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

THE LIFETIME LEARNER

## Clue #1: Right or Wrong?

Look at the top of each hierarchy. Is the correct term written there? Color the thumb to show if you agree.

<p>parallelograms</p> <p>rectangle rhombus square</p>	<p>quadrilaterals</p> <p>trapezoid parallelogram square</p>	<p>shapes</p> <p>right acute obtuse</p> <p><i>angle</i></p>
<p>polygons</p> <p>hexagon octagon pentagon</p>	<p>rectangles</p> <p>rectangle square</p>	<p>not polygons</p> <p>circle triangle pentagon hexagon</p>
<p>squares</p> <p><i>rectangle</i></p> <p>square</p>	<p>parallelograms</p> <p>rectangle rhombus square</p>	<p>quadrilaterals</p> <p>rectangle rhombus square</p>

In each box, color a thumbs up or a thumbs down to show if the answer is correct.

How many answers were correct?

1 Correct = Cross out the panda.	5 Correct = Cross out the polar bear.
2 Correct = Cross out the peacock.	6 Correct = Cross out the flamingo.
3 Correct = Cross out the snake.	7 Correct = Cross out the penguin.
4 Correct = Cross out the seal.	8 Correct = Cross out the hippo.

THE LIFETIME LEARNER

## What Animal Escaped?

Solve the clues to figure out where the safari group is currently located.

<p><del>I live in the Mountain Zone at the zoo.</del></p> <p><b>Panda</b></p>	<p><del>I live in the Forest Zone at the zoo.</del></p> <p><b>Peacock</b></p>	<p>I live in Forest Zone at the zoo.</p> <p><b>Snake</b></p>	<p><del>I live in Water Zone at the zoo.</del></p> <p><b>Seal</b></p>
<p><del>I live in the Arctic Zone at the zoo.</del></p> <p><b>Penguin</b></p>	<p><del>I live in Water Zone at the zoo.</del></p> <p><b>Flamingo</b></p>	<p><del>I live in the Arctic Zone at the zoo.</del></p> <p><b>Polar Bear</b></p>	<p><del>I live in the African Zone at the zoo.</del></p> <p><b>Hippo</b></p>

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

THE LIFETIME LEARNER

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

# SKILL PRACTICE

**Clue #1: Right or Wrong?**  
Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

**Clue #2: Multiple Choice**  
Answer each multiple choice question. Circle the right answer. Then read the bottom.

**Clue #3: Sorting Animals**  
Color the animal the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue!

**Clue #1: Right or Wrong?**

Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

1 Correct = Cross out the panda.  
2 Correct = Cross out the peacock.  
3 Correct = Cross out the snake.  
4 Correct = Cross out the seal.

**Clue #2: Multiple Choice**

Answer each multiple choice question. Circle the right answer. Then read the bottom.

Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

**The missing animal...**

How many As did you circle?  
1 A = does  
2 As = runs  
3 As = is  
4 As = brown

How many Bs did you circle?  
1 B = no  
2 Bs = two  
3 Bs = not  
4 Bs = four

How many Cs did you circle?  
1 C = water  
2 Cs = long  
3 Cs = have  
4 Cs = arctic

How many Ds did you circle?  
1 D = feathers  
2 Ds = mountain  
3 Ds = fur  
4 Ds = zone

**Clue #3: Sorting Animals**

Color the animal the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue!

1 set of parallel sides  
2 sets of parallel sides  
3 or more sets of parallel sides

purple  
blue

Cross out animals in the African Zone if there are:

- 4 brown enclosures
- 3 green enclosures
- 2 purple enclosures
- 1 blue enclosure

- Geometry
- Identify Shapes
- Hierarchy of Shapes
- Zoo-Themed!
- Error Analysis Practice

All clues focus on reviewing geometry vocabulary!

# MULTIPLE VERSIONS

Print & Digital Forms

**Clue #1: Right or Wrong?**  
Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

**Clue #2: Multiple Choice**  
Answer each multiple choice question. Circle the right answer. Then read the bottom.

**Clue #3: Sorting Animals**  
Color the shapes the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue.

**3 Clue Version**

Cross out animals in the Water Zone if there are:  
• 4 brown enclosures  
• 1 green enclosure  
• 3 purple enclosures  
• 2 blue enclosures

Cross out animals in the Arctic Zone if there are:  
• 1 brown enclosure  
• 4 green enclosures  
• 3 purple enclosures  
• 2 blue enclosures

Cross out animals in the Mountain Zone if there are:  
• 2 brown enclosures  
• 1 green enclosure  
• 4 purple enclosures  
• 3 blue enclosures

Cross out animals in the African Zone if there are:  
• 4 brown enclosures  
• 3 green enclosures  
• 2 purple enclosures  
• 1 blue enclosure

**Clue #1: Right or Wrong?**  
Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

**Clue #2: Multiple Choice**  
Answer each multiple choice question. Circle the right answer. Then read the bottom.

**Clue #3: Sorting Animals**  
Color the shapes the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue.

**Clue #4: The Zoo Entrance**  
Decide if each box is true or false. Put a T or an F. Then, read what to do at the bottom.

**Clue #5: Descrambler**  
Use the words near each hierarchy to fill in. Whatever word is next to the letter should match up with the bottom. When the letters are unscrambled, they will make up the clue.

**5 Clue Version**

Place the correct letter on top of each matching answer.  
The missing animal lives in the forest Zone.

F O R E S T

trapezoid rhombus kite quadrilaterals polygon Acute triangle

**Clue #1: Right or Wrong?**  
Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

In each box, color a thumbs up or a thumbs down to show if the answer is correct.

How many answers were correct?

1 Correct = Cross out the panda.  
2 Correct = Cross out the peacock.  
3 Correct = Cross out the snake.  
4 Correct = Cross out the seal.

5 Correct = Cross out the polar bear.  
6 Correct = Cross out the flamingo.  
7 Correct = Cross out the penguin.  
8 Correct = Cross out the hippo.

**Clue #1: Right or Wrong?**  
Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

In each box, color a thumbs up or a thumbs down to show if the answer is correct.

How many answers were correct?

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3 Correct = Cross out the snake.  
4 Correct = Cross out the seal.

5 Correct = Cross out the polar bear.  
6 Correct = Cross out the flamingo.  
7 Correct = Cross out the penguin.  
8 Correct = Cross out the hippo.

Short & Long Options

# 2 MATH FACT OPTIONS!

### What Animal Escaped?

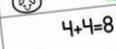
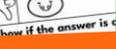
Solve the clues to figure out where the safari group is currently located.

<del>I live in the Mountain Zone at the zoo.</del>  <b>Panda</b>	<del>I live in the Forest Zone at the zoo.</del>  <b>Peacock</b>	I live in Forest Zone at the zoo.  <b>Snake</b>	<del>I live in Water Zone at the zoo.</del>  <b>Seal</b>
<del>I live in the Arctic Zone at the zoo.</del>  <b>Penguin</b>	<del>I live in Water Zone at the zoo.</del>  <b>Flamingo</b>	I live in the Arctic Zone at the zoo.  <b>Polar Bear</b>	<del>I live in the African Zone at the zoo.</del>  <b>Hippo</b>

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

### Clue #1: Right or Wrong?

Solve to find each answer. Color the thumb in to show if you agree.

$5+6=11$  	$8+3=10$  	$12+8=20$  
$14+5=18$  	$13+2=15$  	$4+4=8$  
$9+8=17$  	$3+10=13$  	$6+11=17$  

In each box, color \_\_\_\_\_ to show if the answer is correct.

1 Correct = Cross out the p  
2 Correct = Cross out the p  
3 Correct = Cross out the p  
4 Correct = Cross out the p

### Clue #2: Multiple Choice

Solve each question. Circle the right answer. Then read the bottom.

$8-4$ A. 6 B. 5 C. 4 D. 3	$16-5$ A. 11 B. 10 C. 9 D. 8	$10-3$ A. 6 B. 9 C. 7 D. 8	$12-9$ A. 2 B. 3 C. 4 D. 5
$17-7$ A. 9 B. 10 C. 11 D. 12	$20-2$ A. 16 B. 17 C. 18 D. 19	$9-1$ A. 5 B. 6 C. 7 D. 8	$4-3$ A. 0 B. 1 C. 2 D. 3

### Clue #3: Sorting Animals

Color the boxes the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue!

 17 brown	 18 green	 19 purple	 20 blue
--	--	---	---

Color key:  
 12+8  
 6+11  
 3+14  
 15+5  
 9+9  
 4+15  
 18+2  
 9+10  
 8+9  
 17+9  
 10+9  
 12+6

### Clue #4: The Zoo Entrance

Find the answer to each question. Read what to do at the bottom.

$14 \div 2 = 7$ S 7	$48 \div 6 = 8$ B 8	$70 \div 7 = 10$ N 10	$56 \div 8 = 7$ H 7
$32 \div 8 = 4$ L 4	$5 \div 5 = 1$ A 1	$45 \div 9 = 5$ E 5	$49 \div 7 = 7$ P 7
$6 \div 3 = 2$ A 2	$30 \div 5 = 6$ K 6	$18 \div 6 = 3$ E 3	
$72 \div 8 = 9$ R 9			

WELCOME TO THE ZOO!

Cross out the boxes with the following answers:  
1, 3, 4, 6, 7, 10

Read the letters that are still there from left to right like a book. Write them on the line.

The animal is not a: Bear

### Clue #5: Descrambler

Solve to find each answer. Write the matching letter on top of each answer. When the letters are unscrambled, they will make up the clue.

$42 \div 6 = 7$ O	$3 \times 7 = 21$ F	$10 \div 9 = 10$ E
$25 \div 5 = 5$ S	$72 \div 8 = 9$ T	$4 \times 8 = 32$ R

Place the correct letter on top of each matching answer. The missing animal lives in the \_\_\_\_\_ Zone.

F O R E S T

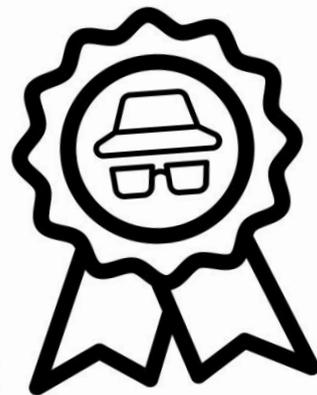
Same clues. Same mystery. Different math!

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!

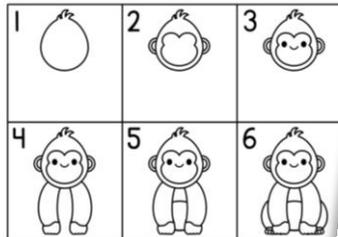
11/2  
Date

AW  
Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

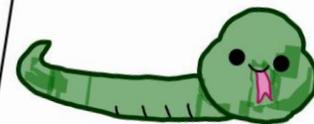
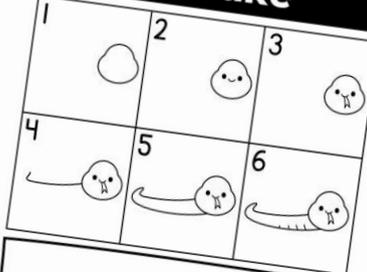
a gorilla



THE LIFETIME LEARNER

LET'S DRAW...

a snake



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: The Zoo Entrance**

Decide if each box is true or false. Put a T or an F. Then, read what to do at the bottom.

A rectangle is square. <del>S</del> F	A rhombus is a parallelogram. B T	WELCOME TO THE ZOO!	A hexagon has 6 sets of parallel sides. <del>N</del> F	An octagon is a parallelogram. <del>H</del> F
A star, pentagon, and heart are all polygons. <del>L</del> F	A circle is a polygon. <del>A</del> F		A rhombus is a quadrilateral. E T	A kite is not a polygon. <del>P</del> F
A square is a rectangle. A T				An octagon has 2 sets of parallel sides. <del>K</del> F
A rectangle has 2 sets of parallel sides. R T				A hexagon is a quadrilateral. <del>E</del> F

Cross out the boxes that are:  
**false**

Read the letters that are still there from left to right like a book. Write them on the line.

The animal is not a:  
Bear

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!**

**Clue #1: Right or Wrong?**  
What shape is in each box? Color the thumb to show if you agree.

**Clue #2: Multiple Choice**  
Answer each multiple choice question. Circle the right answer. Then read the bottom.

**Clue #3: Sorting Animals**  
Color the shapes the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue.

**Clue #4: The Zoo Entrance**  
Decide if each box is true or false. Put a check or X. Then, read what to do at the bottom.

**Clue #5: Descrambler**  
Use the words near each hierarchy to fill it in. Whatever word is next to the letter should match up with the bottom. When the letters are unscrambled, they will make up the clue.

Place the correct letter on top of each matching answer.  
The missing animal lives in the forest Zone.

F O R E S T

trapezoid rhombus kite quadrilaterals polygon Acute triangle

The Detective Agency sends congratulations to:

**Lindsay**

You solved the mystery!

11/2 Date AW Presented by:

LET'S DRAW...  
a gorilla

LET'S DRAW...  
a snake

**What Animal Escaped?**  
Solve the clues to figure out where the safari group is currently located.

<del>I live in the Mountain Zone of the zoo.</del>  Panda	<del>I live in the Forest Zone of the zoo.</del>  Peacock	I live in Forest Zone of the zoo.  Snake	<del>I live in Water Zone of the zoo.</del>  Seal
<del>I live in the Arctic Zone of the zoo.</del>  Penguin	<del>I live in Water Zone of the zoo.</del>  Flamingo	I live in the Arctic Zone of the zoo.  Polar Bear	<del>I live in the African Zone of the zoo.</del>  Hippo

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

**solve the mystery**

The Case of the Missing Zoo Animal

# WHAT MAKES MATH MYSTERIES UNIQUE?

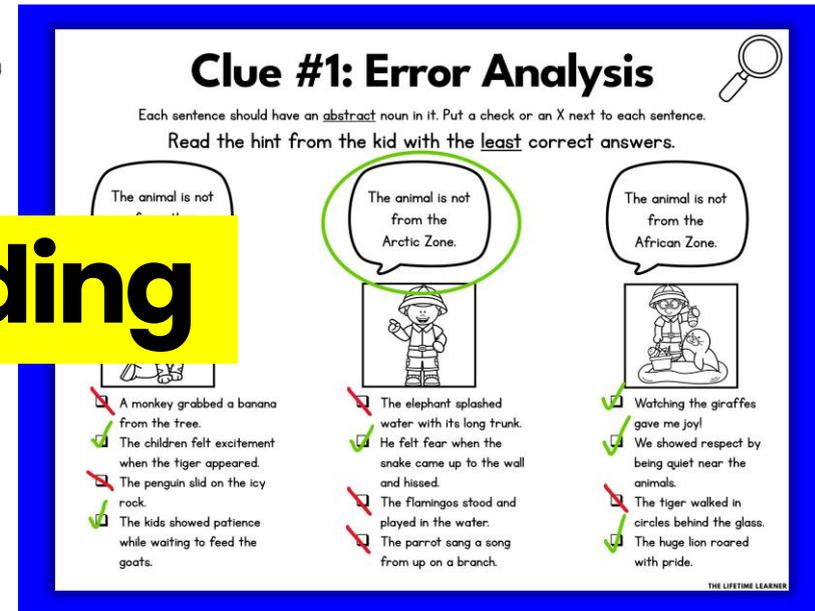
Math Mysteries aren't just a copy of Reading Mysteries!

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: Error Analysis**

Each sentence should have an abstract noun in it. Put a check or an X next to each sentence.  
Read the hint from the kid with the least correct answers.

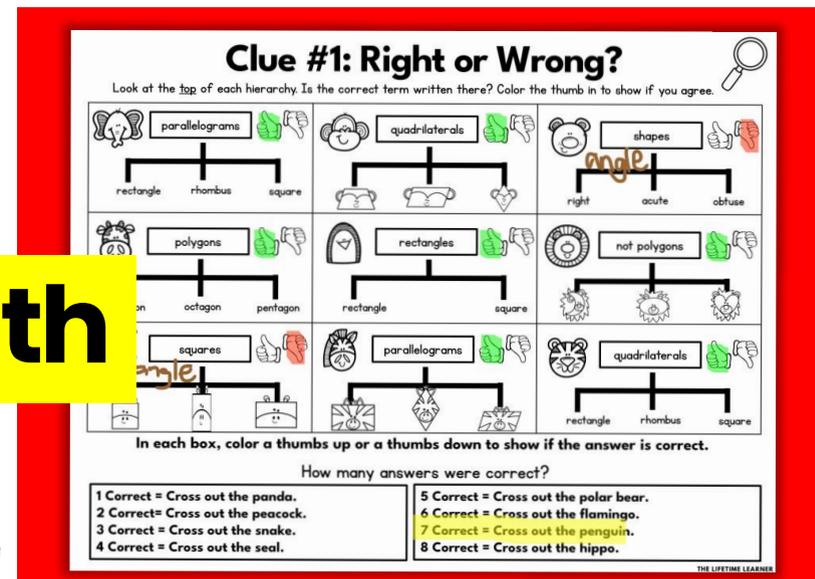
The animal is not from the Arctic Zone.

The animal is not from the African Zone.

- A monkey grabbed a banana from the tree.
- The children felt excitement when the tiger appeared.
- The penguin slid on the icy rock.
- The kids showed patience while waiting to feed the goats.
- The elephant splashed water with its long trunk.
- He felt fear when the snake came up to the wall and hissed.
- The flamingos stood and played in the water.
- The parrot sang a song from up on a branch.
- Watching the giraffes gave me joy!
- We showed respect by being quiet near the animals.
- The tiger walked in circles behind the glass.
- The huge lion roared with pride.

Example of Clue 1

Math



**Clue #1: Right or Wrong?**

Look at the top of each hierarchy. Is the correct term written there? Color the thumb in to show if you agree.

<td><td></td></td>	<td></td>								
<td><tr><td>1 Correct = Cross out the panda.</td><td>5 Correct = Cross out the polar bear.</td></tr><tr><td>2 Correct = Cross out the peacock.</td><td>6 Correct = Cross out the flamingo.</td></tr><tr><td>3 Correct = Cross out the snake.</td><td>7 Correct = Cross out the penguin.</td></tr><tr><td>4 Correct = Cross out the seal.</td><td>8 Correct = Cross out the hippo.</td></tr></td>	<tr><td>1 Correct = Cross out the panda.</td><td>5 Correct = Cross out the polar bear.</td></tr> <tr><td>2 Correct = Cross out the peacock.</td><td>6 Correct = Cross out the flamingo.</td></tr> <tr><td>3 Correct = Cross out the snake.</td><td>7 Correct = Cross out the penguin.</td></tr> <tr><td>4 Correct = Cross out the seal.</td><td>8 Correct = Cross out the hippo.</td></tr>	1 Correct = Cross out the panda.	5 Correct = Cross out the polar bear.	2 Correct = Cross out the peacock.	6 Correct = Cross out the flamingo.	3 Correct = Cross out the snake.	7 Correct = Cross out the penguin.	4 Correct = Cross out the seal.	8 Correct = Cross out the hippo.
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# KEEP THE FUN GOING!

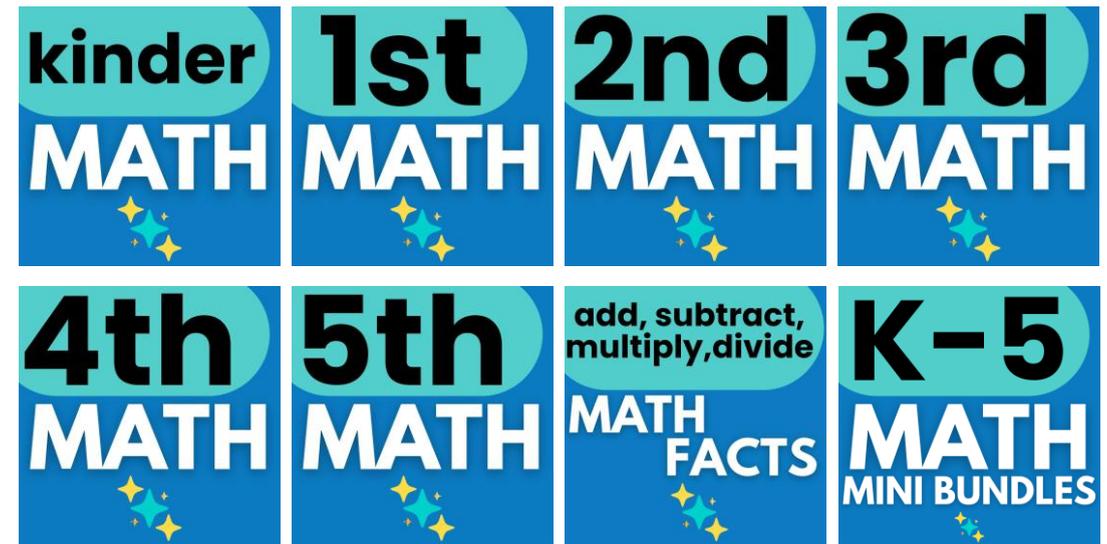
## GRAB A **READING MYSTERY**:

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!**

