

# WHAT IS THIS?

**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 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.

**solve the mystery**  
**The Case of the Missing Zoo Animal**

**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: \_\_\_\_\_

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

# HOW TO PLAY

## What Happened?

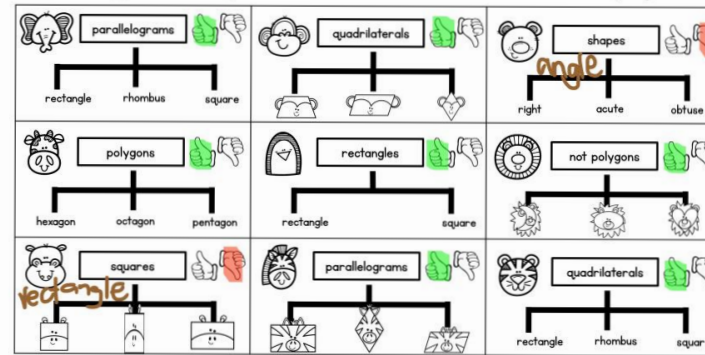
An animal has escaped from the zoo! You need to know what animal it is so the animal can be located. Help figure out which animal is missing by solving the clues.

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!



## 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.

## What Animal Escaped?

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

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

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.

parallelgrams  
rectangle rhombus square

quadrilaterals  
rectangle rhombus square

polygons  
hexagon octagon pentagon

squares  
rectangle rhombus square

In each box, color a thumb

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.

Which shape would not be included in a hierarchy of quadrilaterals?  
A. Square  
B. Rhombus  
C. Pentagon  
D. Trapezoid

Which shape would be included in a hierarchy of rectangles?  
A. Square  
B. Triangle  
C. Trapezoid  
D. Parallelogram

Which shape would be included in a hierarchy of quadrilaterals?  
A. Pentagon  
B. Hexagon  
C. Irregular quadrilateral  
D. Octagon

Which shape would not be included in a hierarchy of quadrilaterals?  
A. Square  
B. Trapezoid  
C. Rectangle  
D. Rhombus

Which shape would not be included in a hierarchy of polygons?  
A. Obtuse triangle  
B. Circle  
C. Right triangle  
D. Heptagon

Which shape would be under the hierarchy of a polygon but not a quadrilateral?  
A. Rhombus  
B. Kite  
C. Pentagon  
D. Trapezoid

Which shape would be under the hierarchy of a quadrilateral but not a parallelogram?  
A. Square  
B. Hexagon  
C. Rectangle  
D. Trapezoid

Which shape would not be included in a hierarchy of triangles?  
A. acute triangle  
B. trapezoid triangle  
C. equilateral triangle  
D. right triangle

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**  
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

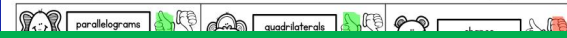
3 Clue Version

5 Clue Version

Short & Long Options

## Clue #1: Right or Wrong?

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## Clue #2: Multiple Choice

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## Clue #3: Sorting Animals

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## 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.



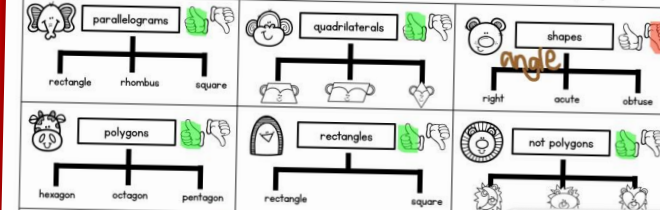
## Clue #5: Descrambler

Use the words near each hierarchy to fill 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.



## 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.



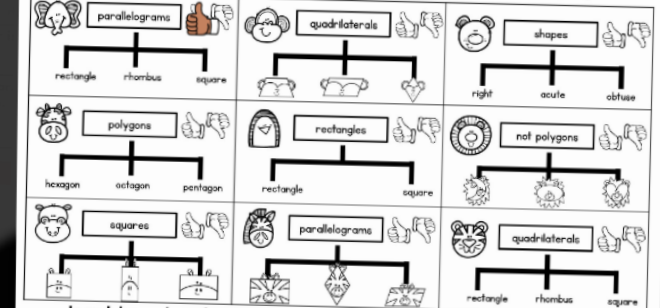
In each box, color a thumbs up or a thumbs down to show if the

How many answers were correct?

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

## Clue #1: Right or Wrong?

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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.



# 2 MATH FACT OPTIONS!

The image displays five math mystery worksheets for a zoo theme, arranged in a collage. The worksheets are surrounded by school supplies: a stack of colorful spiral notebooks (yellow, blue, pink, green) on the left, a set of colorful markers (blue, green, orange, yellow, pink) on the right, and several small animal stickers (tiger, elephant, hippo, giraffe, cow, panda) in the center.

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

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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. 8 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
$12+8$	$6+11$	$12+6$	$3+14$
$12+8$	$6+11$	$12+6$	$3+14$
$12+8$	$6+11$	$12+6$	$3+14$
$12+8$	$6+11$	$12+6$	$3+14$

**Clue #4: The Zoo Entrance**  
Find the answer to each question. Read what to do at the bottom.

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

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	$3 \times 7$ 21	$10 \div 9$ 10
$5 \times 5$ 25	$72 \div 8$ 9	$4 \times 8$ 32

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

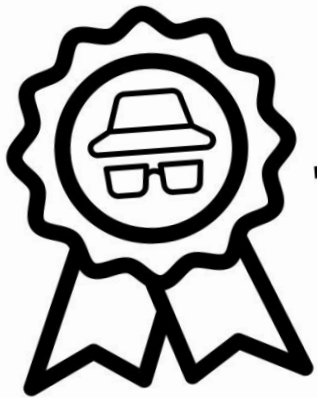
F O R E S T

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

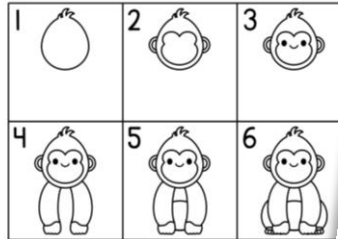
You solved the mystery!

11/2  
Date

AW  
Presented by:

LET'S DRAW...

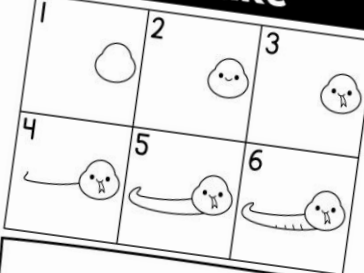
a gorilla



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

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**

THE LIFETIME LEARNER

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 in to show if you agree.

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**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 Presented by: **AW**

LET'S DRAW...  
**a gorilla**

1 2 3 4 5 6

THE LIFETIME LEARNER

LET'S DRAW...  
**a snake**

1 2 3 4 5 6

THE LIFETIME LEARNER

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

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

**solve the mystery**

**The Case of the Missing Zoo Animal**

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: 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

The animal is not  
from the  
Arctic Zone.

The animal is not  
from the  
African Zone.



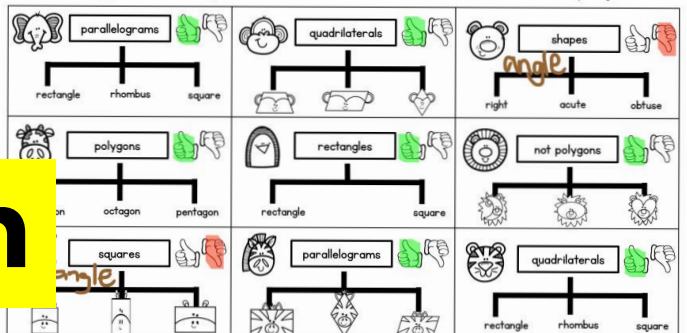
- ☒ A monkey grabbed a banana from the tree.
- ☒ The children felt excitement when the tiger appeared.
- ☒ The penguin slid on the icy rock.
- ☒ The kids showed patience while waiting to feed the goats.

- ☒ 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.

## 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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- 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.

# 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!

