

# WHAT IS THIS?

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

**Clue #2: Multiple Choice**  
How many angles are shown in each shape? 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**  
Look at the shapes at the bottom. Which animal letter does each statement match with? Write the correct letter on each line. Then color the shapes in on each animal to prove your answers.

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

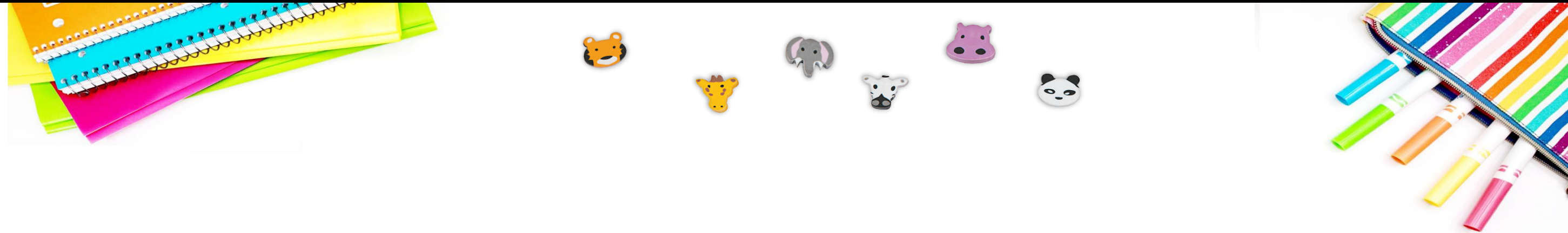
<del>I live in the Mountain Zone at the zoo.</del>  <b>Panda</b>	<del>I live in the Forest Zone at the zoo.</del>  <b>Peacock</b>	<b>I live in Forest Zone at the zoo.</b>  <b>Snake</b>	<del>I live in Water Zone at the zoo.</del>  <b>Seal</b>
<del>I live in the Arctic Zone at the zoo.</del>  <b>Penguin</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 missing animal lives in the forest Zone.

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?

What geometry term is in each box? Color the thumb in to show if you agree.

 ray 	 line segment 	 right angle 
 intersecting lines 	 line 	 acute angle 
 parallel lines 	 vertex 	 perpendicular lines 

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.

THE LIFETIME LEARNER

## What Animal Escaped?

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

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

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?**  
What geometry term is in each box? Color the thumb in to show if you agree.

ray  
intersecting lines  
parallel lines

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**  
How many angles are shown in each shape? Circle the right answer. Then read the bottom.

A. 5 right angles  
B. 5 acute angles  
C. 5 obtuse angles  
D. 4 acute, 1 right angle

A. 4 right angles  
B. 2 acute, 2 obtuse  
C. 2 right, 2 acute  
D. 2 obtuse, 2 right

A. 4 obtuse, 4 acute  
B. 8 right angles  
C. 8 obtuse angles  
D. 4 acute, 4 right

A. 2 right, 2 acute  
B. 2 acute, 2 obtuse  
C. 4 acute angles  
D. 4 right angles

A. 3 acute, 3 acute  
B. 6 obtuse angles  
C. 3 obtuse, 3 right  
D. 6 right angles

A. 1 acute angle  
B. 100 acute angles  
C. No right angles  
D. 1 obtuse angle

A. 4 obtuse angles  
B. 4 acute angles  
C. 4 right angles  
D. 2 acute, 2 obtuse

A. 4 obtuse angles  
B. 2 obtuse, 2 acute  
C. 2 right, 2 obtuse  
D. 4 acute angles

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

2 sets of parallel sides  
purple  
3 or more sets of parallel sides  
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
- 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?

What geometry term is in each box? Color the thumb in to show if you agree.

## Clue #2: Multiple Choice

How many angles are shown in each shape? Circle the right answer. Then read the bottom.

## Clue #3: Sorting Animals

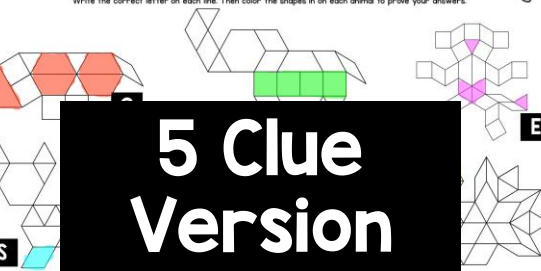
Color the shapes the same color as the animal they belong with. Then, find the correct key at the bottom to solve the clue.

## 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

Look at the shapes at the bottom. Which animal letter does each statement match with? Write the correct letter on each line. Then color the shapes in on each animal to prove your answers.



Write the correct letter on each line.

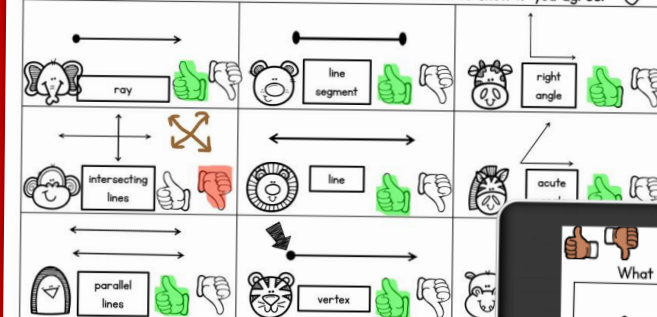
F      Q      R      E      S      T

6 squares      5 trapezoids      1 trapezoid      6 triangles      3 rhombi      6 rhombi

The missing animal lives in the forest Zone.

## Clue #1: Right or Wrong?

What geometry term is in each box? Color the thumb in to show if you agree.



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

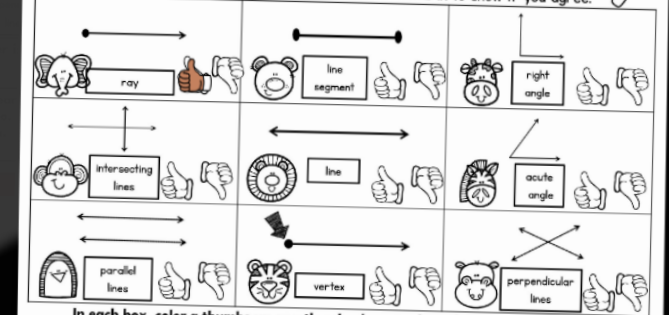
How many answers were correct?

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

5 Correct = Cross out the  
6 Correct = Cross out the  
7 Correct = Cross out the  
8 Correct = Cross out the

## Clue #1: Right or Wrong?

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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 a collection of math worksheets for a zoo-themed mystery activity. The worksheets are arranged in a collage, showing different versions of the same clues. The visible worksheets include:

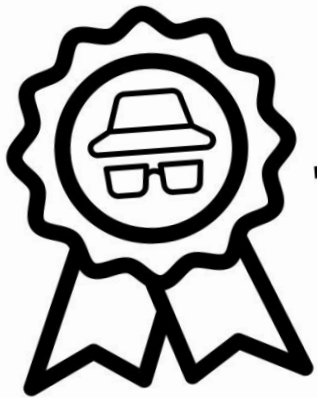
- What Animal Escaped?**: A grid of animal illustrations with clues about their habitats. The correct animal is the Snake, which is highlighted in green.
- Clue #1: Right or Wrong?**: A grid of math problems with thumbs up/down icons. The correct answers are:  $5+6=11$  (thumbs up),  $8+3=10$  (thumbs down),  $12+8=20$  (thumbs up),  $14+5=18$  (thumbs down),  $13+2=15$  (thumbs up),  $4+4=8$  (thumbs down),  $9+8=17$  (thumbs up),  $3+10=13$  (thumbs down), and  $6+11=17$  (thumbs up).
- Clue #2: Multiple Choice**: A grid of math problems with multiple choice options. The correct answers are:  $8-4$  (A. 4),  $16-5$  (A. 11),  $10-3$  (C. 7),  $12-9$  (B. 3),  $17-7$  (A. 10),  $20-2$  (B. 18),  $9-1$  (A. 8), and  $4-3$  (B. 1).
- Clue #3: Sorting Animals**: A grid of animal illustrations with math problems. The correct answers are:  $12+8$  (A. 20),  $6+11$  (A. 17),  $12+6$  (A. 18),  $3+14$  (A. 17),  $15+5$  (A. 20),  $4+9$  (A. 13),  $9+15$  (A. 24),  $18+2$  (A. 20),  $9+10$  (A. 19), and  $8+9$  (A. 17).
- Clue #4: The Zoo Entrance**: A grid of math problems with a central illustration of a zoo entrance. The correct answers are:  $14 \div 2$  (B. 7),  $48 \div 6$  (B. 8),  $70 \div 7$  (A. 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),  $30 \div 5$  (K. 6),  $72 \div 8$  (R. 9), and  $18 \div 6$  (E. 3).
- Clue #5: Descrambler**: A grid of math problems with a central illustration of a zoo entrance. The correct answers are:  $42 \div 6$  (7),  $3 \times 7$  (21),  $10 \div 9$  (10),  $5 \times 5$  (25),  $72 \div 8$  (9),  $4 \times 8$  (32), and  $18 \div 6$  (3).

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

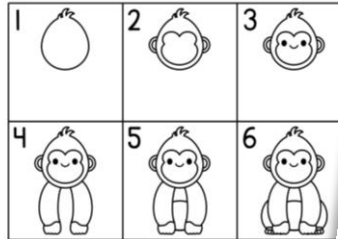
You solved the mystery!

11/2  
Date

AW  
Presented by:

LET'S DRAW...

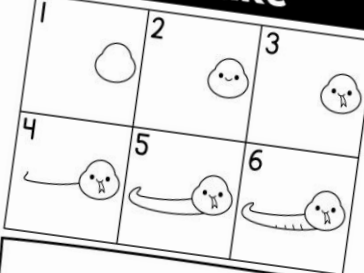
a gorilla



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 pentagon has 1 set of parallel sides. <del>S</del> F	A rhombus is a parallelogram. B T	 <p>WELCOME TO THE ZOO!</p> <p>A sign with a rainbow and two animals (a cat and a horse) standing on either side.</p>	A trapezoid is a parallelogram. <del>N</del> F	An octagon has 8 right angles. <del>H</del> F
A hexagon has 6 right angles. <del>L</del> F	A trapezoid has 3 right angles. <del>A</del> F		A square has 4 right angles. E T	A hexagon has 2 sets of parallel sides. <del>P</del> F
A trapezoid has 1 set of parallel sides. A T				A rectangle has 2 right angles. <del>K</del> F
A rhombus has 2 sets of parallel sides. R T				An octagon has no parallel sides. <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

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In 4<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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Decide if each box is true or false. Put a check or X. Then, read what to do at the bottom.

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Look at the shapes at the bottom. Which animal letter does each statement match with? Write the correct letter on each line. Then color the shapes in on each animal to prove your answers.

Write the correct letter on each line.

The missing animal lives in the forest Zone.

The Detective Agency sends congratulations to:

**Lindsay**

You solved the mystery!

11/2 Date AW Presented by:

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.

<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: \_\_\_\_\_

**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.



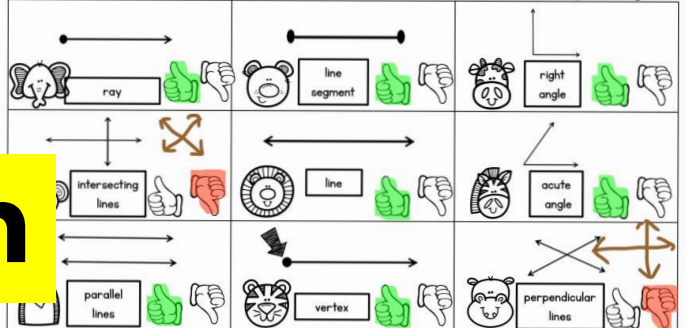
- ☒ A monkey grabbed a banana from the tree.
- ☒ The children felt excitement when the tiger appeared.
- ☒ The penguin slid on the icy rock.
- ☒ The kids showed patience while waiting to feed the goats.

- ☒ 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?

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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.      |

# 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!**

