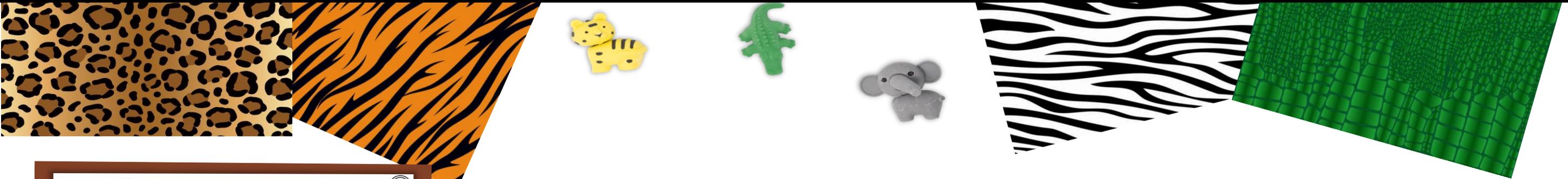


# WHAT IS THIS?



**Clue #1: Picture Decoder**  
All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.

**Clue #2: Error Analysis**  
Check each animal's work. Put a check or an X next to each answer.

**Clue #3: Find It!**  
Solve each question. Circle the boxes that are true. Read the words you circled from left to right like a book to solve the clue.

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

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

$16-7=9$ (animal)	$20-5=15$ (group)	$9-5=4$ (green)	$2+5=3$ (not)	$10-8=18$ (tall)	$10-6=4$ (is)
$4+10=6$ (mammoth)	$8+1=9$ (is)	$10+8=18$ (on)	$6+8=14$ (the)	$20+5=15$ (yellow)	$11-6=17$ (whiskers)
$5-3=2$ (with)	$14+6=8$ (scales)	$6+11=17$ (that)	$16+9=7$ (isn't)	$9+5=14$ (gray)	$8-1=9$ (spots)

Answer: $6+9=14$	Word: <b>The</b>	Answer: $5-3=2$	Word: <b>with</b>	Answer: $6+11=17$	Word: <b>that</b>
Answer: $20-5=15$	Word: <b>group</b>	Answer: $10+8=18$	Word: <b>on</b>	Answer: $10-6=4$	Word: <b>is</b>
Answer: $8+1=9$	Word: <b>is</b>	Answer: $16-7=9$	Word: <b>animal</b>	Answer: $9-5=4$	Word: <b>gray</b>

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.

## solve the mystery

**The Case of the Safari Adventure**

### Where is the Safari Group?

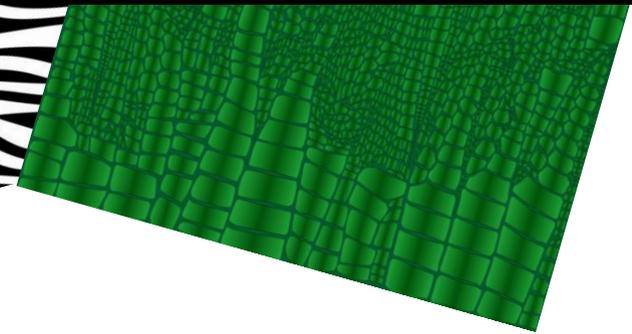
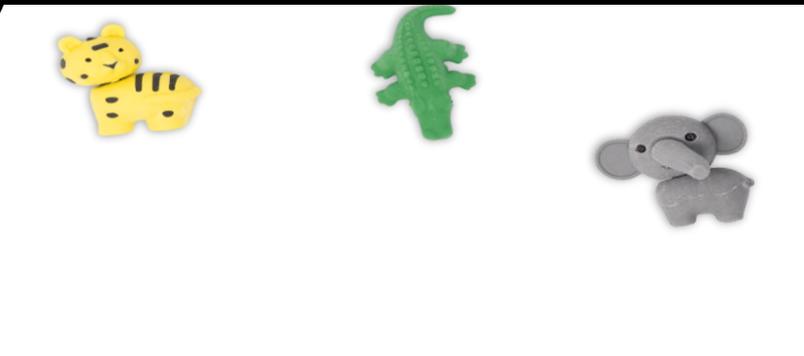
Solve the clues to figure out where the safari group is currently located.

<del>I have gray whiskers.</del> <b>Meerkat</b>	<del>I have black stripes.</del> <b>Tiger</b>	<del>I have green scales.</del> <b>Crocodile</b>	I have gray skin. <b>Elephant</b>
<del>I have brown spots.</del> <b>Giraffe</b>	<del>I have yellow fur.</del> <b>Lion</b>	<del>I have brown fur.</del> <b>Chimp</b>	<del>I have black stripes.</del> <b>Zebra</b>

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

Students complete a series of clues to figure out where the safari group is!

# HOW TO PLAY



## What Happened?

On the day of your safari, you woke up to find your safari group missing! You need to figure out which animal they are with. Help figure out where your safari group is by solving clues and finding the right animal.

- Take a list of safari animals and then start solving each clue.
- Each time you solve a clue, you will get closer to discovering which animal your safari group is with.
- Cross out wrong animals each time you find out new information. Good luck!



THE LIFETIME LEARNER

## Clue #1: Picture Decoder

All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.



16    14    11    20    13    9    15    18    4

Answers: ~~20~~ ~~14~~ ~~13~~ ~~11~~ ~~4~~ ~~9~~ ~~16~~ ~~18~~ ~~15~~

~~18+2=19~~   ~~7+7=77~~   ~~4+9=14~~   ~~5+6=12~~   ~~1+3=13~~   ~~2+7=10~~   ~~12+4=18~~   ~~7+11=17~~   ~~5+10=51~~

Letters: N O S T R I P E S

The animal your group is with has:



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 =	

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

THE LIFETIME LEARNER

## Where is the Safari Group?

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

<del>I have gray whiskers.</del>  <b>Meerkat</b>	<del>I have black stripes.</del>  <b>Tiger</b>	<del>I have green scales.</del>  <b>Crocodile</b>	I have gray skin.  <b>Elephant</b>
<del>I have brown spots.</del>  <b>Giraffe</b>	<del>I have yellow fur.</del>  <b>Lion</b>	<del>I have brown fur.</del>  <b>Chimp</b>	<del>I have black stripes.</del>  <b>Zebra</b>

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

THE LIFETIME LEARNER

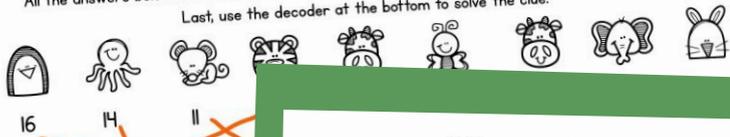
Each time students solve a clue, it will reveal what animals to cross out.

When all clues are completed, the mystery of the safari group will be solved!

# SKILL PRACTICE

## Clue #1: Picture Decoder

All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.



Answers:  $20$   $14$   $17$   
 $18+2=19$   $7+7=77$   $4+$

Letters: N O

The animal your group is with has:

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

## Clue #2: Error Analysis

Check each animal's work. Put a check or an X next to each answer.

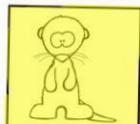


$15-7=8$

$9=16-7$

$18=9-8$

$11-5=4$

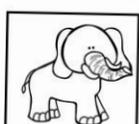


$10=17-7$

$7-5=2$

$13=19-6$

$12-4=9$



$14-6=8$

$4-3=7$

$20=12-8$

$11=15-6$

The animal with the most correct answers is NOT the animal your safari group is with.

## Clue #3: Find It!

Solve each question. Circle the boxes that are true. Read the words you circled from left to right like a book to solve the clue.

crocodile

$3+4=5$

elephant

$6=6$

animal

$2+11=13$

true

fur

$12-8=5$

false

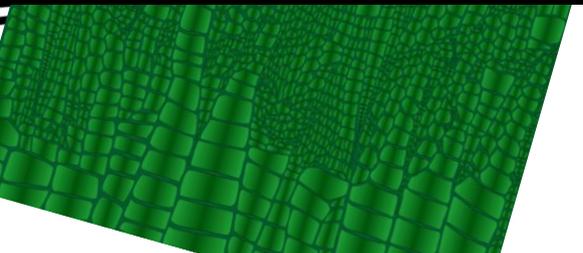
tail

$5=5$

green

tail

# MULTIPLE VERSIONS



## Print & Digital Forms

**Clue #1: Picture Decoder**  
All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.

**Clue #2: Error Analysis**  
Check each animal's work. Put a check or an X next to each answer.

**Clue #3: Find It!**  
Solve each question. Circle the boxes that are true. Read the words you circled from left to right like a book to solve the clue.

the $5+6=11$ true	crocodile $3+4=5$ false	elephant $4-2=6$ false	animal $2+11=13$ true
-------------------------	-------------------------------	------------------------------	-----------------------------

**3 Clue Version**

Write the phrase on the line. Cross the wrong animals off your list.  
The animal is not brown

**Clue #1: Picture Decoder**  
All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.

**Clue #2: Error Analysis**  
Check each animal's work. Put a check or an X next to each answer.

**Clue #3: Find It!**  
Solve each question. Circle the boxes that are true. Read the words you circled from left to right like a book to solve the clue.

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

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

$16-7=9$	$20-5=15$	$9-5=14$	$2+5=3$	$10-8=18$	$10-6=4$
$4+10=6$	$8+1=9$	$10+8=18$	$6+8=14$	$20+5=15$	$11-6=17$
$5-3=2$					

Answer:  $6+9=15$  is

Word: that

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.

**5 Clue Version**

**Clue #2: Error Analysis**  
Check each animal's work. Put a check or an X next to each answer.

$15-7=8$	$10=17-7$	$14-6=8$
$9=16-7$	$7-5=2$	
$18=9-8$	$13=19-6$	
$11-5=4$	$12-4=9$	

The animal with the most correct answers is NOT the animal your safari group is with.

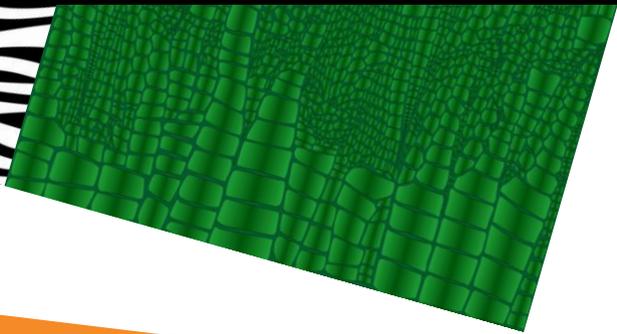
**Clue #2: Error Analysis**  
Check each animal's work. Put a check or an X next to each answer.

$15-7=8$	$10=17-7$	$14-6=8$
$9=16-7$	$7-5=2$	$4-3=7$
$18=9-8$	$13=19-6$	$20=12-8$
$11-5=4$	$12-4=9$	$11=15-6$

The animal with the most correct answers is NOT the animal your safari group is with.

## Short & Long Options

# MATH FACT VERSION!



### Where is the Safari Group?

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

<del>I have gray whiskers.</del>  Meerkat	<del>I have black stripes.</del>  Tiger	<del>I have green scales.</del>  Crocodile	I have gray skin.  Elephant
<del>I have brown spots.</del>  Giraffe	<del>I have yellow fur.</del>  Lion	<del>I have brown fur.</del>  Chimp	<del>I have black stripes.</del>  Zebra

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

### 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:  $7$   $16$   $19$   $11$   $12$   $9$   $5$   $18$   
 $4+3$   $5+11$   $18+1$   $9+2$   $7+5$   $3+6$   $4+1$   $8+0$

Letters: N O S T R I P E

The animal your group is with has: \_\_\_\_\_  
 Use this decoder to help you figure out what letter is equal to each picture.

### Clue #2: Error Analysis

Check each animal's work. Put a check or an X next to each answer.

<input checked="" type="checkbox"/> $1+4=15$	<input checked="" type="checkbox"/> $2+5=17$	<input checked="" type="checkbox"/> $6+8=15$
<input checked="" type="checkbox"/> $5+8=13$	<input checked="" type="checkbox"/> $3+2=5$	<input checked="" type="checkbox"/> $3+3=9$
<input checked="" type="checkbox"/> $7+6=14$	<input checked="" type="checkbox"/> $7+9=16$	<input checked="" type="checkbox"/> $1+7=18$
<input checked="" type="checkbox"/> $2+9=11$	<input checked="" type="checkbox"/> $6+1=5$	<input checked="" type="checkbox"/> $9+4=13$

### Clue #3: Detective Report

The Livingstone family was going on their very first safari and they were so excited to see  $6+7$   $13$  different animals. They went to Kenya and arrived at their safari jeep, which could hold  $4+14$   $18$  people. The safari began the Livingstones immediately spotted  $5+9$   $14$  elephants in the distance. The safari guide saw  $2+2$   $4$  elephants with them. Later, everyone saw a pride made of  $3+7$   $10$  lions. The lions chased a group of  $1+9$   $10$  zebras, who barely escaped into the plains. At the watering hole, the safari group saw  $12+8$   $20$  drinking. The Livingstones had such an amazing safari, they couldn't wait  $6+10$   $16$  more safaris in the future.

The animal is: \_\_\_\_\_

N=18 B=13  
 T=10 W=20  
 R=9  
 O=4

### Clue #4: The Safari Jeep

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

$20-2$ <del>X</del> 18	$13-8$ N 5	$16-9$ <del>X</del> 7	$15-3$ O 12	$9-7$ <del>X</del> 2
$6-5$ <del>X</del> 1	$16-2$ <del>X</del> 14	$18-10$ F 8	$11-7$ <del>X</del> 4	$20-9$ U 11
$12-6$ R 6	$19-4$ <del>X</del> 15			

Cross out the boxes with the following answers: 1, 2, 4, 7, 14, 15, 18  
 The letters that are left will reveal a message.

The animal has: NO FUR

### Clue #5: Fill in the Blank

18 animal	9 group	10 green	17 not	11 full	19
7 mammal	5	2 an	12 the	15 yellow	16 whiskers
20 with	14 scales	3 that	1 isn't	6 gray	8 spots

Answer: Word

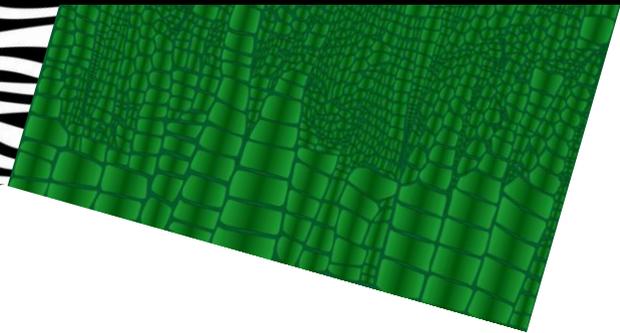
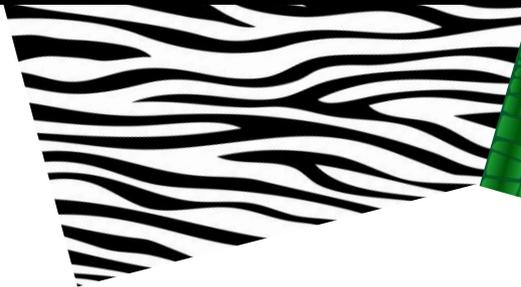
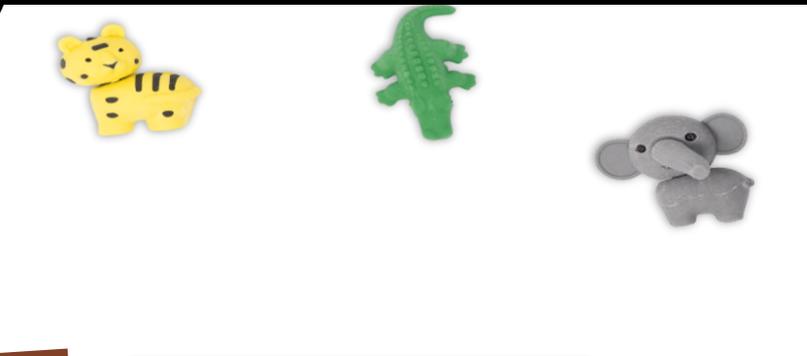
$19-7$ 12 The	$13-7$ 20 with	$7-4$ 3 that
$4+5$ 9 group	$10-8$ 2 an	$6+3$ 19 is
$11-6$ 5 is	$9+9$ 18 animal	$14-8$ 6 gray

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.

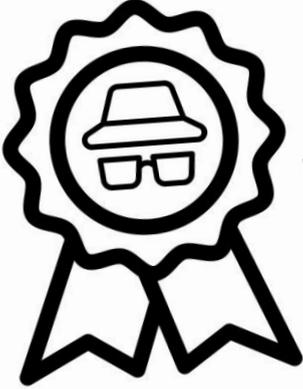
Same clues. Same mystery. Different math!

There is an extra version included that focuses on addition and subtraction facts to 20.

# FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



*Lindsay*

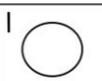
You solved the mystery!

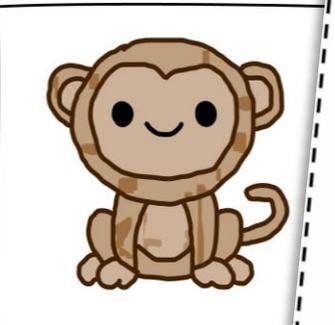
*11/2* Date      *AW* Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

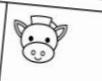
**a monkey**

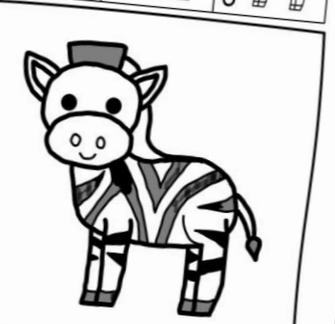
1 	2 	3 
4 	5 	6 



LET'S DRAW...

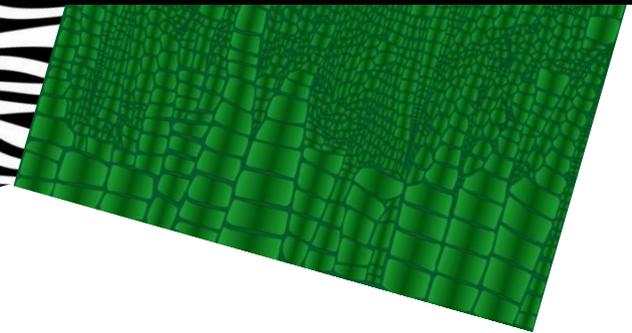
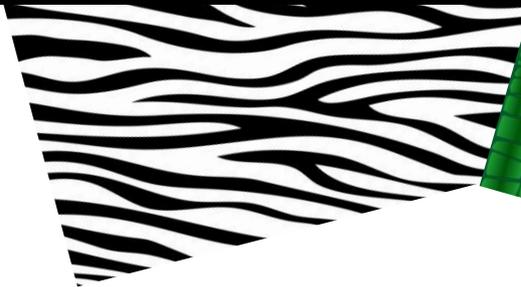
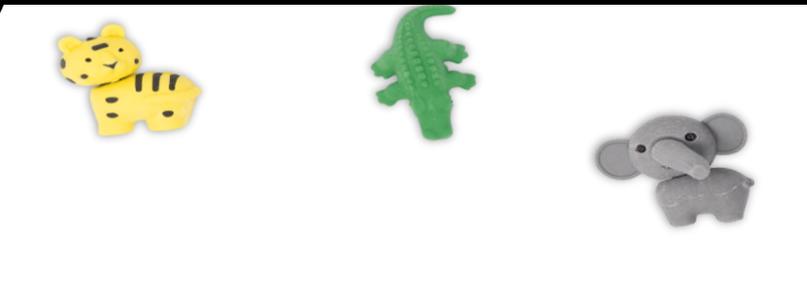
**a zebra**

1 	2 	3 
4 	5 	6 



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 Safari Jeep** 

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

$1=7-7$ <del>false</del> S	$10=5+5$ true N	$18=2+14$ <del>false</del> P	$6=13-7$ true O	$11=14-4$ <del>false</del> T		
$16=9+8$ <del>false</del> E	$7=6-1$ <del>false</del> E	$14=19-5$ true F	$8=10+2$ <del>false</del> T	$13=5+8$ true U	$20=1+19$ true R	$12=15-4$ <del>false</del> S

Cross out the boxes that are:  
**false**  
The letters that are left will reveal a message.

The animal has:  
**NO FUR**

THE LIFETIME LEARNER

In 1st grade, this works well as a whole group lesson or in small groups at the teacher table.

First graders will need teacher support to read & understand the clues/directions

# 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: Picture Decoder**  
All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.

**Clue #2: Error Analysis**  
Check each animal's work. Put a check or an X next to each answer.

**Clue #3: Find It!**  
Solve each question. Circle the boxes that are true. Read the words you circled from left to right like a book to solve the clue.

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

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

$16-7=9$	$20-5=15$	$9-5=14$	$2+5=3$	$10-8=18$	$10-6=4$
$4+10=6$	$8+1=9$	$10+8=18$	$6+8=14$	$20+5=15$	$11-6=17$
$5-3=2$	$14+6=8$	$6+11=7$	$16+9=7$	$9+5=14$	$8-1=9$

Answer: Word:  $6+8=14$  The  $5-3=2$  with  $6+8=14$  group  $8+1=9$  is  $16-7=9$  animal  $10-8=18$  an  $9-5=14$  that  $10-6=4$  is  $16-7=9$  is  $9+5=14$  gray

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:



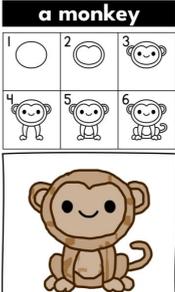
**Lindsay**

You solved the mystery!

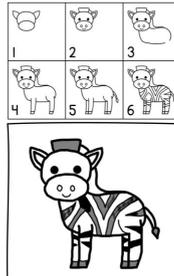
**11/2** **AW**

Date Presented by:

LET'S DRAW...  
a monkey



LET'S DRAW...  
a zebra



Where is the Safari Group?

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

<del>I have gray whiskers.</del> <b>Meerkat</b>	<del>I have black stripes.</del> <b>Tiger</b>	<del>I have green scales.</del> <b>Crocodile</b>	I have gray skin. <b>Elephant</b>
<del>I have brown spots.</del> <b>Giraffe</b>	<del>I have yellow fur.</del> <b>Lion</b>	<del>I have brown fur.</del> <b>Chimp</b>	<del>I have black stripes.</del> <b>Zebra</b>

Name:

**solve the mystery**



The Case of the Safari Adventure

# 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 Safari Photos

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

They are not by an animal with a long neck if: • 2 red • 3 green • 3 yellow • 2 blue	They are not by an animal with a green tail if: • 2 red • 3 green • 2 yellow • 3 blue	They are not by an animal with a big trunk if: • 3 red • 3 green • 2 yellow • 2 blue	They are not by an animal with a banana if: • 2 red • 2 green • 3 yellow • 3 blue
--	---	--	---

### Clue #1: Picture Decoder

All the answers below are wrong. Find a match for each false equation to show the correct answer. Last, use the decoder at the bottom to solve the clue.

Answers: ~~20~~ ~~14~~ ~~13~~ ~~11~~ ~~4~~ ~~9~~ ~~16~~ ~~18~~ ~~15~~

rs: N O S T R I P E S

The animal your group is with has:

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!

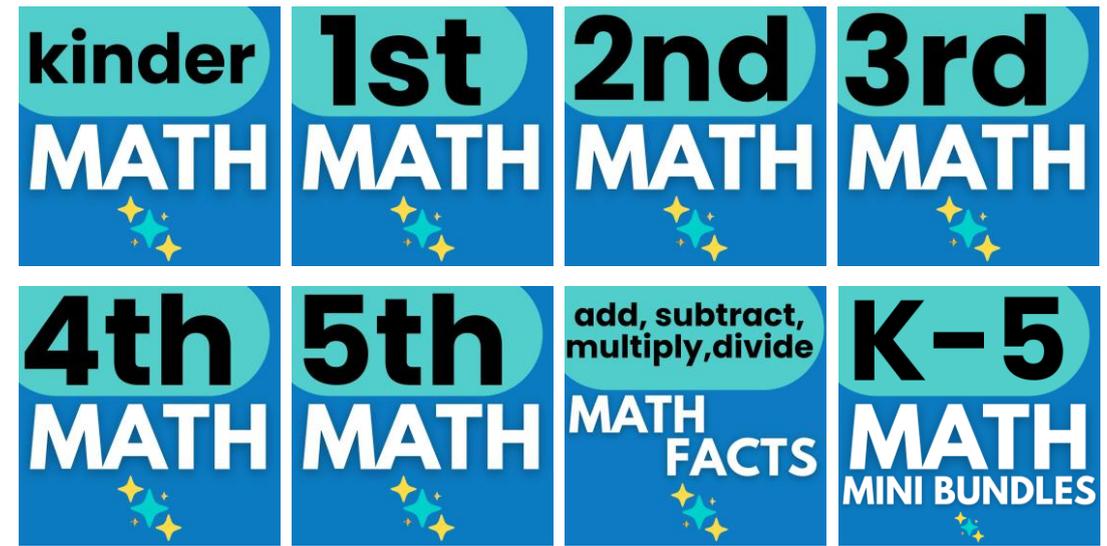
## GRAB A **READING MYSTERY**:

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!**

