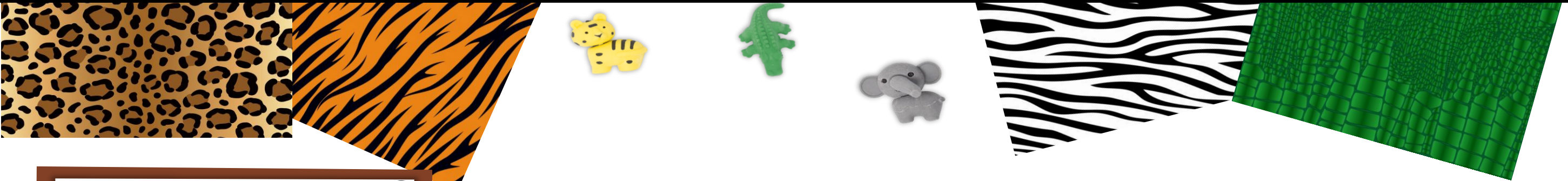


WHAT IS THIS?



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: Make a Line Plot
Make a line plot at the bottom of the animals at the top.
Graph how many times each animal appears.

Clue #3: Find It!
Circle the boxes that are true statements.
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

How many paw prints did you see in Day 1?	How many paw prints did you see in Day 2?	How many paw prints did you see in Day 3?	How many paw prints did you see in Day 4?	How many paw prints did you see in Day 5?
3	12	22	10	20
animal	mammal	with	group	not
Wednesday	Tuesday & Thursday	0	Monday	Monday & Friday
is	is	that	an	the
11	6	1	4	2
is	whiskers	gray	yellow	the
Friday	spots	Thursday	isn't	Friday

Answer: 2 The 22 with 11 is 3 animal 1 gray

Word: The with an is

Clue #5: Fill in the Blank
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

THE LIFETIME LEARNER

Where is the Safari Group?
Solve the clues to figure out where the safari group is currently located.

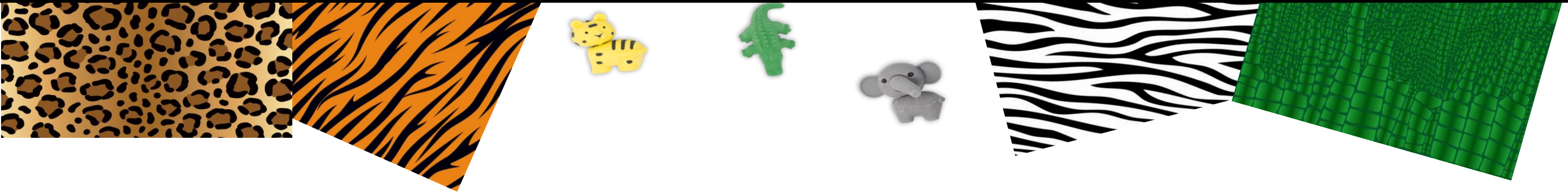
I have gray whiskers. Meerkat	I have black stripes. Tiger	I have green scales. Crocodile	I have gray skin. Elephant
I have brown spots. Giraffe	I have yellow fur. Lion	I have brown fur. Chimp	I have black stripes. Zebra

Name: _____

THE LIFETIME LEARNER

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.

1. Take a list of safari animals and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which animal your safari group is with.
3. Cross out wrong animals 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.



Answers: 6 5 1 elephant 7 4 2 lion 3

How many elephants are there? How many monkeys and lions are there? How many more tigers are there than zebras? What animal do you see the most of? How many monkeys and zebras are there combined? How many tigers are there? How many fewer hippos are there than monkeys? What animal do you see the smallest number of? How many more elephants are there than zebras?

Letters: N O S T R I P E S

The animal your group is with has:

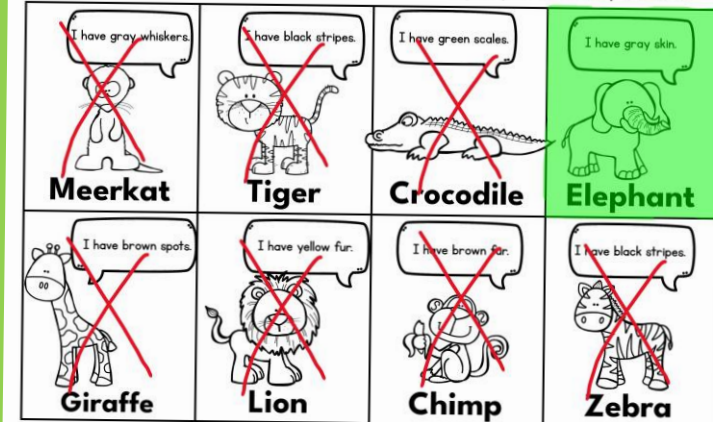
Use this decoder to help you figure out what letter is equal to each picture.



THE LIFETIME LEARNER

Where is the Safari Group?

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



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
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

2 5 elephant

Answers: 6 5

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: Make a Line Plot
Make a line plot at the bottom of the animals at the top.
Graph how many times each animal appears.

Line Plot Data:

Animal	Frequency (X's)
Giraffes	6
Elephants	5
Meerkats	7

The animal that appears the MOST in the line plot should be crossed out on your recording sheet.

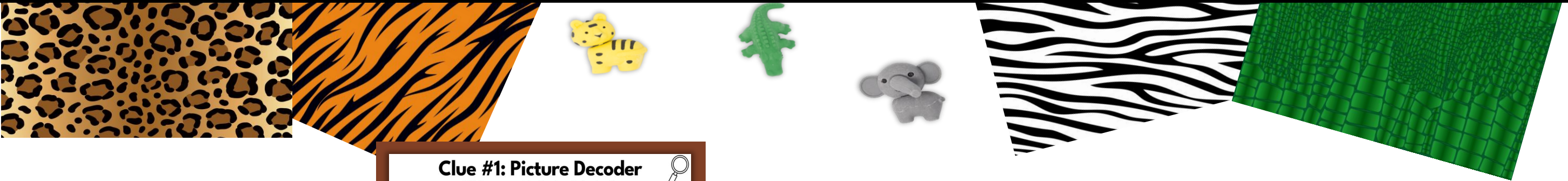
Clue #3: Line Plot
Many People Went on A Safari Each Month

Month	Frequency (X's)
July	8
October	6

- Line Plots
- Creating Line Plots
- Answering Questions about Line Plots
- Safari-Themed
- Error Analysis Practice

All clues focus on reviewing 2nd grade skills!

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: Make a Line Plot

Make a line plot at the bottom of the animals at the top.
Graph how many times each animal appears.

Clue #3: Find It!

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

the 2 people went on a safari in January.	crocodile 4 people went on a safari in April.	false elephant 4 more people went on a safari in October than in April.	true animal The same number of people went on a safari in January and March.
false giraffe The same number of people went on a safari in July and March.			
true chimpanzee 9 people went on a safari in January and July combined.			

3 Clue Version

The animal is not brown

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: Make a Line Plot

Make a line plot at the bottom of the animals at the top.
Graph how many times each animal appears.

Clue #3: Find It!

Circle the boxes that are true statements.
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.

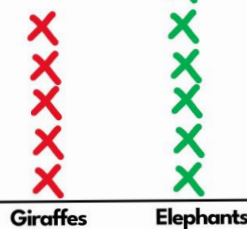
Clue #5: Fill in the Blank

3 animal	group	10 green	20 not	Monday full	11 is
12 mammal	Wednesday	Monday	2 the	Monday & Friday	6 whiskers
22 with	Tuesday & Thursday	Friday			spots
Answer	2	How many more hats were given out on Wednesday than Friday?	3 animal	How many fewer hats were given out on Tuesday than on Friday?	1 gray

5 Clue Version

Clue #2: Make a Line Plot

Make a line plot at the bottom of the animals at the top.
Graph how many times each animal appears.



The animal that appears the MOST in the line plot should be crossed out

Clue #2: Make a Line Plot

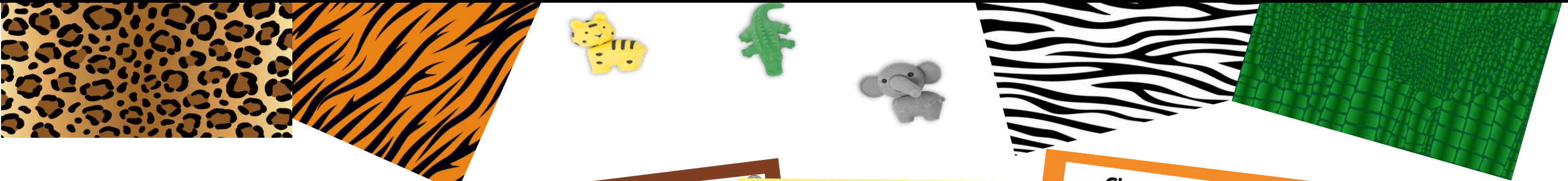
Make a line plot at the bottom of the animals at the top.
Graph how many times each animal appears.



The animal that appears the MOST in the line plot should be crossed out on your recording sheet.

Short & Long Options

MATH FACT VERSION!



Where is the Safari Group?

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

I have gray whiskers. Meerkat	I have black stripes. Tiger	I have green scales. Crocodile	I have gray skin. Elephant
I have brown spots. Giraffe	I have yellow fur. Lion	I have brown fur. Chimp	I have black stripes. 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: $7 = 16$, $19 = 11$, $12 = 9$, $5 = 18$

Letters: **N O S T R I P E**

The animal your group is with has: _____

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"/> $12+5=17$	<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"/> $11+7=18$
<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 $12+8=20$ tigers. The Livingstones had such an amazing safari, they couldn't wait to go on more safaris in the future.

The animal is: **N O T B R O W N**

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 18 N	13-8 5 7	16-9 7 0	15-3 12 2	9-7 2 1
6-5 1 E	16-2 14 F	18-10 8 4	11-7 4 U	20-9 11 R
12-6 6 6	19-4 15 5			

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

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.

18 animal	9 group	10 green	17 not	11 tall	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

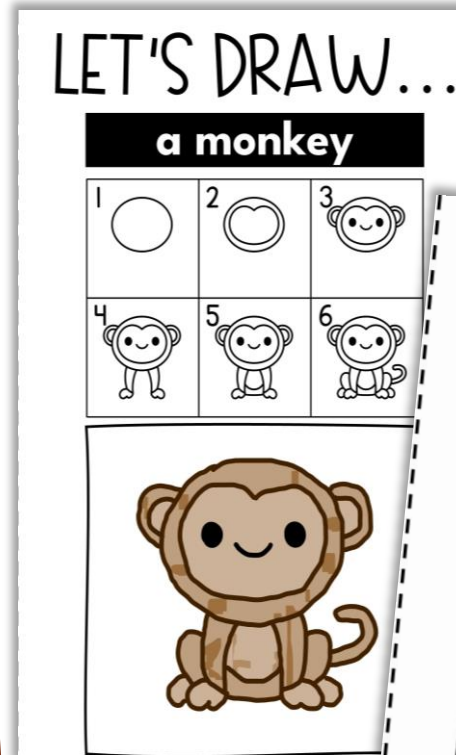
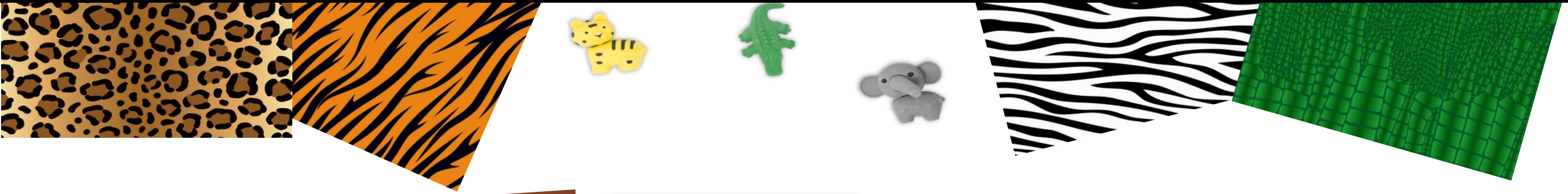
Answer: Word

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

Same clues. Same mystery. Different math!

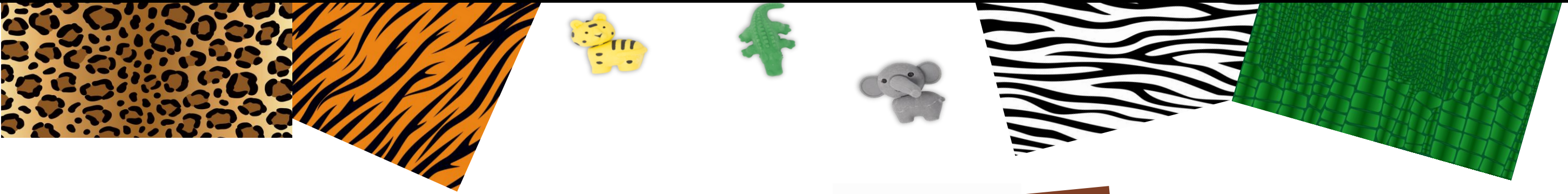
There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY



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.

How many paw prints did you see on Day 10? S 1	How many paw prints did you see on Day 5? N 4	How many paw prints did you see on Day 8? P 1	How many paw prints did you see on Day 7? O 4	How many paw prints did you see on Day 13? T 0		
How many paw prints did you see on Day 6? E 2	How many paw prints did you see on Day 2? X 0	How many paw prints did you see on Day 3? F 5	How many paw prints did you see on Day 14? T 8	How many paw prints did you see on Day 12? U 3	How many paw prints did you see on Day 1? R 11	How many paw prints did you see on Day 9? S 2

Cross out the boxes with the following answers:
1, 2, 0, 8

The letters that are left will reveal a message.

The animal has:
NO FUR

THE LIFETIME LEARNER

In 2nd 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: 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

3 animal	group	10 green	20 not	tall	11 is
Wednesday	is	Monday	2 the	4 yellow	6 whiskers
12 mammal	0 scales	9 that	Thursday	1 gray	Friday

How many more hats were given out on Wednesday than Friday? **2**

On what day were the most hats given out? **Wednesday**

How many hats were given out on Tuesday and Wednesday combined? **11**

How many fewer hats were given out on Wednesday than on Friday? **3**

How many fewer hats were given out on Tuesday and Friday in total? **1**

Answer: Word: **The group an animal is**

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 Date **SW** Presented by:

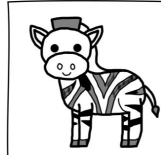
LET'S DRAW...
a monkey

1 2 3
4 5 6



LET'S DRAW...
a zebra

1 2 3
4 5 6



Where is the Safari Group?

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

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

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!

red kn-	green gn-	yellow -mb	blue wr-
bo	ong	at	ite
cli	ome	la	ot
aw			

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

Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

2 5 elephant 6 1 4 3 lion 7

How many elephants are there? 6
How many monkeys and lions are there? 5
How many more tigers are there than zebras? 1
What animal do you see the most of? elephant
How many monkeys and zebras are there combined? 7
How many tigers are there? 4
How many fewer hippos are there than monkeys? 2
What animal do you see the smallest number of? lion
How many more elephants are there than zebras? 3

s: N O S T R I P E S

The animal your group is with has:

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!

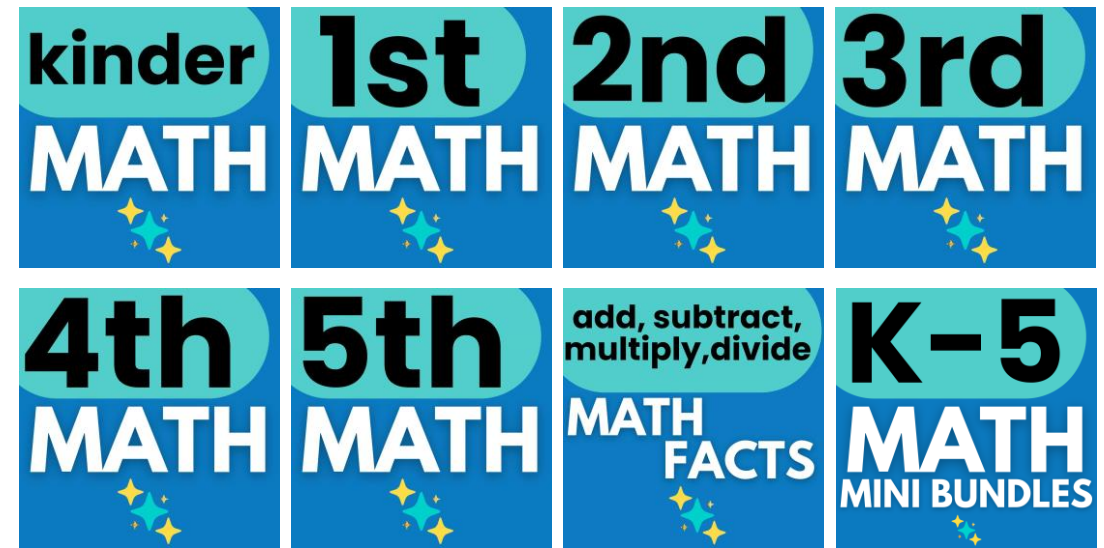
GRAB A READING MYSTERY:

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!

