

WHAT IS THIS?



Clue #1: Fill in the Blank

408 full 428 and 388 reindeer 568 someone 438 by 428 it

Clue #2: Color the Reindeer

Solve each question. Circle the right answer and color in the picture. Then read the bottom.

$23+38=35$ $15+24=21$ $36+18=25$

A. 95 -
B. 86 -
C. 96 -
D. 97 -

Clue #3: Food Sort

Figure out each answer. Write it next to each milk. Color the cookies the same color as the plate they belong on.

$23-22=45$ $36-23=59$ $29+99=78$ $32+13=45$

A. 63 - brown
B. 65 - green
C. 77 - red
D. 78 - yellow

Clue #4: The Presents

First, write the answer on each Christmas present. Then, read what to do in the box at the bottom.

Clue #5: Picture Decoder

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

Answers: oval, hexagon, rectangle, square, rhombus, circle, triangle, pentagon, trapezoid

Letters: N O T A T H O M E

You knock on the door and Mrs. Claus said Santa's... Use this decoder to help you figure out what letter is equal to each picture.

A = [picture] G = [picture] M = [picture] S = [picture] Y = [picture]
B = [picture] H = [picture] N = [picture] T = [picture] Z = [picture]
C = [picture] I = [picture] O = [picture] U = [picture]
D = [picture] J = [picture] P = [picture] V = [picture]
E = [picture] K = [picture] Q = [picture] W = [picture]
F = [picture] L = [picture] R = [picture] X = [picture]

solve the mystery

The Case of the Missing Santa

THE LIFETIME LEARNER

The North Pole

As you solve each clue, cross out the places that Santa is not located at. The place left at the end will reveal Santa's location!

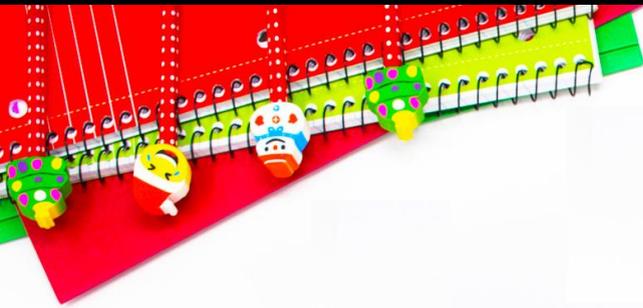
REINDEER STABLES NORTH POLE CAFE SANTA'S HOUSE POLAR BEAR ORPHANAGE SLEIGH GARAGE GINGERBREAD HOUSE TOY FACTORY ELF VILLAGE

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out where Santa is!

HOW TO PLAY



What Happened?

Oh no! SANTA IS MISSING!! It's your job to figure out where he is. Solve the clues to figure out where Santa is and solve the mystery!

1. Take a location list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering where Santa is.
3. Cross out wrong places each time you find out new information. Good luck!

Clue #1: Fill in the Blank

408	full	428	and	388	reindeer	568	someone	438	by	428	it
448	garage	528	village	468	you	418	the	598	sleigh	378	bear
508	toy	488	empty	518	Santa	398	elf	458	stopped	478	was

458-10	Answer: 468	Word: you	428-10	Answer: 418	Word: the	398+100	Answer: 498	Word: it
358+100	Answer: 458	Word: stopped	548-100	Answer: 448	Word: garage	468+10	Answer: 478	Word: was
448-10	Answer: 438	Word: by	328+100	Answer: 428	Word: and	498-10	Answer: 488	Word: empty

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 North Pole

As you solve each clue, cross out the places that Santa is not located at. The place left at the end will reveal Santa's location!

Name: _____

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

When all clues are completed, "The Mystery of the Missing Santa" will be solved!

SKILL PRACTICE

Clue #1: Fill in the Blank

408	428	388	568	438	428
full	and	reindeer	someone	by	it
garage	village	L		sleigh	bear
448	528				
toy	empty				
508	488				

Answer: 468 Word: you

358+100 = 458 stopped

448-10 = 438 by

Solve each problem. Write the answer words in order from top to bottom!

Clue #2: Color the Reindeer

Solve each question. Circle the right answer and color in the picture. Then read the bottom.

$23 \cdot 38 \cdot 35$	$15 \cdot 24 \cdot 21$	$36 \cdot 18 \cdot 25$
A. 95 - orange star B. 86 - pink star C. 96 - yellow star D. 97 - brown star	A. 49 - purple tree B. 50 - blue tree C. 62 - pink tree D. 60 - green tree	A. 79 - black antlers B. 77 - brown antlers C. 75 - yellow antlers D. 68 - purple antlers
$11 \cdot 44 \cdot 23$	$32 \cdot 17 \cdot 19$	$29 \cdot 30 \cdot 13$
A. 63 - red ornaments B. 65 - blue ornaments C. 77 - black ornaments D. 78 - purple ornaments	A. 67 - pink body B. 68 - brown body C. 72 - orange body D. 78 - green body	A. 70 - black nose B. 75 - blue nose C. 72 - red nose D. 79 - brown nose

Choose the key below that matches how you colored the picture of the reindeer.

Cross out places with food if the reindeer picture has: • Yellow star • Green tree • Brown antlers • Blue ornaments • orange body • Red nose	Cross out Santa's House if the reindeer picture has: • Pink star • Blue tree • Black antlers • Purple ornaments • Brown body • Red nose	Cross out the Elf Village if the reindeer picture has: • Yellow star • Green tree • Black antlers • Purple ornaments • Pink body • Black nose	Cross out places with animals if the reindeer picture has: • Yellow star • Green tree • Black antlers • Purple ornaments • Brown body • Red nose
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Clue #3: Food Sort

Write each answer. Write it next to each milk. Color the cookies the same color as the plate they belong on.

$22 = 45$ $36 + 23 = 59$ $29 + 49 = 78$ $32 + 13 = 45$

$27 = 78$ $39 + 24 = 63$ 45 $32 + 27 = 59$

the phrase to know what to cross out:
• 3 brown cookies
• 3 green cookies
• 2 red cookies
• 4 yellow cookies
You go to the café and they said Santa hasn't bought hot cocoa today.

- 10 More 10 Less
- 100 More 100 Less
- Add 3 Numbers
- Add 2 Digit Numbers
- Repeated Addition
- Geometry
- Christmas-Themed
- Error Analysis Practice

All clues focus on reviewing 2nd grade math skills!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Fill in the Blank

full and reindeer someone by it

Clue #2: Color the Reindeer

Solve each question. Circle the right answer.

Clue #3: Food Sort

Figure out each answer. Write it next to each milk. Color the cookies the same color as the plate they belong on.

63 brown, 78 green, 45 red, 59 yellow

3 Clue Version

- 3 brown cookies
- 3 green cookies
- 3 red cookies
- 3 yellow cookies

The elves said they haven't seen him in the village.

The toy factory said no one with a red hat has been inside.

There are no footprints in the snow leading to the Gingerbread House.

You go to the café and they said Santa hasn't bought hot cocoa today.

Clue #1: Fill in the Blank

full and reindeer someone by it

Clue #2: Color the Reindeer

Solve each question. Circle the right answer.

Clue #3: Food Sort

Figure out each answer. Write it next to each milk. Color the cookies the same color as the plate they belong on.

63 brown

Clue #4: The Presents

First, write the answer on each Christmas present. Then, read what to do in the box at the bottom.

Clue #5: Picture Decoder

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

5 Clue Version

Answer: B = H = N = T = Z =

C = I = O = U =

E = K = Q = W =

F = L = R = X =

You knock on the door and Mrs. Claus said Santa's...

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

Clue #1: Fill in the Blank

408	full	428	and	388	reindeer	568	someone	438	by	428	it
448	garage	528	village	468	you	418	the	598	sleigh	378	bear
508	toy	488	empty	518	Santa	398	elf	458	stopped	478	was

Answer: Word: 458+10 **468** **you** 428-10 **418** **the** 398+100 **498** **it**

358+100 **458** **stopped** 548-100 **448** **garage** 468+10 **478** **W**

448-10 **438** **by** 328+100 **428** **and** 498-10 **488** **er**

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.

Clue #1: Fill in the Blank

408	full	428	and	388	reindeer	568	someone	438	by	498	it
448	garage	528	village	468	you	418	the	598	sleigh	378	bear
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Answer: Word: 458+10 **468** **you** 428-10 **418** **the** 398+100 **498** **it**

358+100 **458** **stopped** 548-100 **448** **garage** 468+10 **478** **W**

448-10 **438** **by** 328+100 **428** **and** 498-10 **488** **er**

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.

Short & Long Options

MATH FACT VERSION!



The North Pole

As you solve each clue, cross out the places that Santa is not located at. The place left at the end will reveal Santa's location!

REINDEER STABLES
NORTH POLE CAFE
SLEIGH GARAGE
GINGERBREAD HOUSE
SANTA'S HOUSE
POLAR BEAR ORPHANAGE
TOY FACTORY
ELF VILLAGE

Name: _____

Clue #1: Fill in the Blank

15	full	6	and	8	reindeer	3	someone	10	by	13
18	garage	4	village	14	you	12	the	7	sleigh	19
20	toy	19	empty	17	Santa	2	elf	9	stopped	5

Answer: Word: _____ Answer: Word: _____

$7+7=$ $4+8=$ $7+6=$

$6+3=$ $8+10=$ $2+3=$

$8+2=$

Solve each problem. Write the words in order from top to bottom.

Clue #2: Color the Reindeer

Solve each question. Circle the right answer and color in the picture. Then read the bottom.

$14-5$	$18-7$	$20-7$
A. 4 - orange star B. 10 - pink star C. 4 - yellow star D. 11 - brown star	A. 5 - purple tree B. 10 - blue tree C. 4 - pink tree D. 1 - green tree	A. 13 - black antlers B. 7 - brown antlers C. 17 - yellow antlers D. 12 - purple antlers
$19-1$	$12-8$	$19-3$
A. 12 - red ornaments B. 14 - blue ornaments C. 20 - black ornaments D. 8 - purple ornaments	A. 3 - pink body B. 4 - brown body C. 5 - orange body D. 17 - brown	A. 6 - black nose B. 12 - blue nose C. 16 - red nose D. 17 - brown

you color _____

Clue #3: Food Sort

Figure out each answer. Write it next to each milk. Color the cookies the same color as the plate they belong on.

10 brown	$12-4$	$16-9$	$17-8$	$10-2$
9 green	$18-9$	$20-10$	$11-2$	$15-5$
8 red	$10-3$	$13-3$	$15-7$	$12-5$
7 yellow				

Which box below is true based on what you colored? Circle the box and read the phrase to know what to cross out.

- 3 brown cookies
- 3 green cookies
- 2 red cookies
- 4 yellow cookies

You go to the cafe and they said Santa hasn't bought hot cocoa today.

Clue #4: The Presents

First, write the answer on each Christmas present. Then, read what to do in the box at the bottom.

$5+8$	$2+9$	$8+2$	$12+5$	$14+6$	$5+2$
G	C	A	P	F	I
$9+5$	$6+7$	$3+5$	$7+5$	$6+9$	$6+3$
O	E	N	O	G	D

Cross out the boxes with these answers: **17, 15, 13, 7, 11, 8, 10**

The letters that are left will reveal a message.

Santa is not around any _____.

Clue #5: Picture Decoder

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

14 20 18 17 16 10 11 15 9

Answers: $14+3$ $9+2$ $6+8$ $10+10$ $9+6$ $5+4$ $12+6$ $8+8$ $3+7$

Letters: _____

You knock on the door and Mrs. Claus said Santa's...

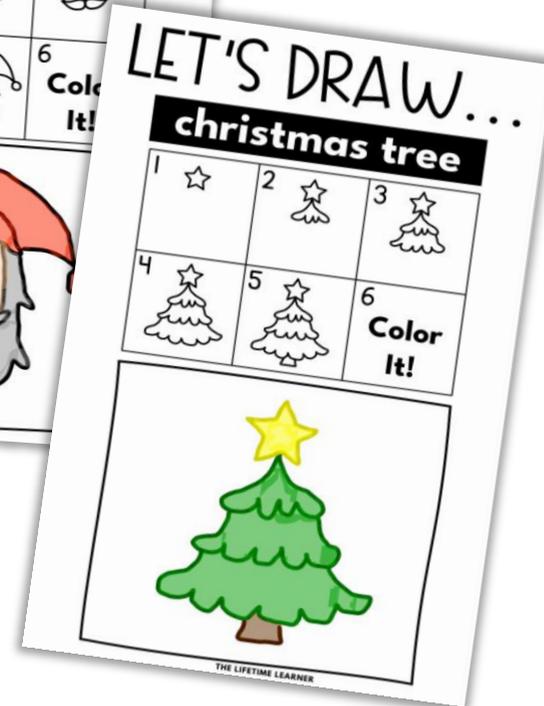
Use this decoder to help you figure out what letter is equal to each picture.

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 =	

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 Presents

First, write the answer on each Christmas present.
Then, read what to do in the box at the bottom.

5+5+5 15 G	4+4+4 12 C	1+1+1+1 5 A	3+3+3 9 P	2+2+2+2 8 F	1+1 3 I
4+4+4+4 16 O	2+2+2+2 10 E	5+5+5+5 25 N	3+3+3+3 12 O	1+1+1+1+1 7 G	5+5+5+5 20 D

Cross out the boxes with:
wrong answers
The letters that are left will reveal a message.

Santa is not around any
FOOD

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: Fill in the Blank
full and reindeer someone by it

Clue #2: Color the Reindeer
Solve each question. Circle the right answer and color in the picture.
 $23 \times 38 = 35$ $15 \times 24 = 21$ $36 \times 18 = 25$

Clue #3: Food Sort
Figure out each answer. Write it next to each milk. Color the cookies the same color as the plate they belong on.
 $13 - 7 = 7$ false $4 \times 5 = 10$ false $7 \times 4 = 11$ true $16 - 6 = 9$ false

Clue #4: The Presents
First, write the answer on each Christmas present. Then, read what to do in the box at the bottom.

Clue #5: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: oval hexagon rectangle square rhombus circle triangle pentagon trapezoid

Letters: **N O T A T H O M E**

You knock on the door and Mrs. Claus said "Santa's..."
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 =	

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2 Date **DW** Presented by:

LET'S DRAW...
a Santa Claus

1 2 3
4 5 6
Color It!

LET'S DRAW...
christmas tree

1 2 3
4 5 6
Color It!

The North Pole

As you solve each clue, cross out the places that Santa is not located at. The place left at the end will reveal Santa's location!

REINDEER STABLES NORTH POLE CAFE SANTA'S HOUSE ELF VILLAGE POLAR BEAR ORPHANAGE SLEIGH GARAGE GINGERBREAD HOUSE TOY FACTORY

Name: _____

solve the mystery

The Case of the Missing Santa

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

Clue #1: Read It Like a Book

Color the boxes that are true. Cross out the boxes that are not true.
Read the words at the top of each box you colored from left to right like a book to solve the clue.

Santa	will	is	can
candlestick	bedtime	giftwrap	peppermint
elf	fireplace	toothbrush	his
nutcracker	pet	bed	toy

Write the phrase on the line. Cross the wrong place off your list.

Santa is not in his bed

Example of Clue 1

Math

Clue #1: Fill in the Blank

408	full	428	and	388	reindeer	568	someone	438	by	428	it
448	garage	528	village	468	you	418	the	598	sleigh	378	bear
508	toy	488	empty	518	Santa	398	elf	458	stopped	478	was

Answer: Word: 468 you 428-10 418 the 398+100 498 it

358+100 458 stopped 548-100 448 garage 468+10 478 was

448-10 438 by 328+100 428 and 498-10 488 empty

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.

KEEP THE FUN GOING!

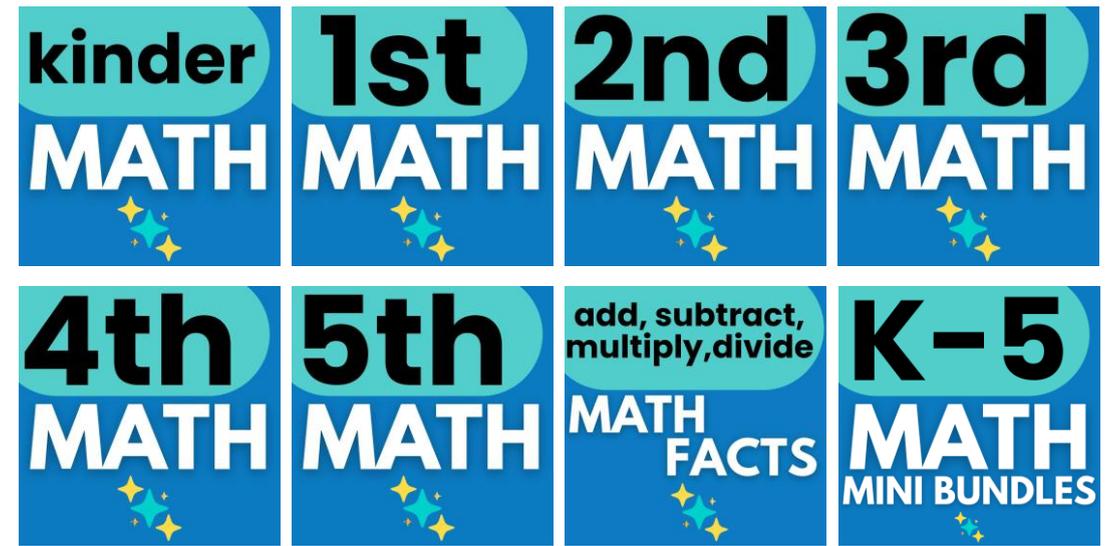
GRAB A **READING MYSTERY**:

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!

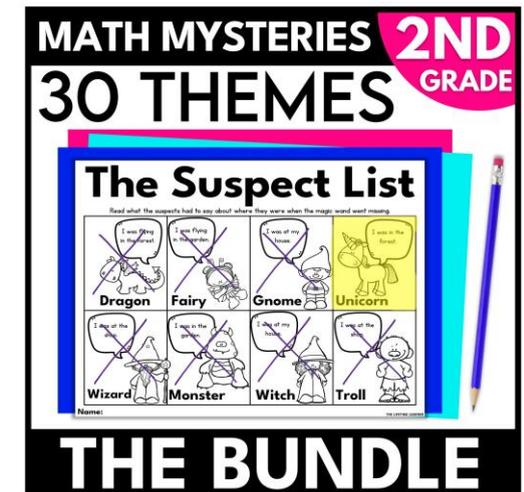


MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



**BUY A BUNDLE
TO SAVE BIG!**



THE BUNDLE