

WHAT IS THIS?

Clue #1: Sorting Cupcakes
Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Clue #2: Picture Decoder
Draw a line to each match. Then, use the decoder at the bottom to solve the clue.

Clue #3: Right or Wrong?
Did the kid write the correct comparison symbol? Color the heart in to show if you agree.

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

Clue #5: Fill in the Blank

7	the	81	windows	10	sun	30	bush	72	above	64	under
3	has	9	door	36	one	70	roof	56	two	40	front
50	house	27	tree	5	heart	8	three	12	beside	6	party

Answer: Word: $48 \div 8 = 6$ Party $6 \times 6 = 36$ one $49 \div 7 = 7$ the
 $5 \times 10 = 50$ house $15 \div 3 = 5$ heart $10 \times 4 = 40$ front
 $27 \div 9 = 3$ has $8 \times 9 = 72$ above $63 \div 7 = 9$ door

Where is the Party?
Figure out where the Valentine's Day party is being held by solving each clue.

99 Love Lane, 44 Love Lane, 72 Candy Road, 55 Candy Road, 33 Heart Way, 88 Heart Way, 22 Rose Street, 66 Rose Street

Name: _____

Students complete a series of clues to figure out where the Valentine Party is!

HOW TO PLAY

What Happened?

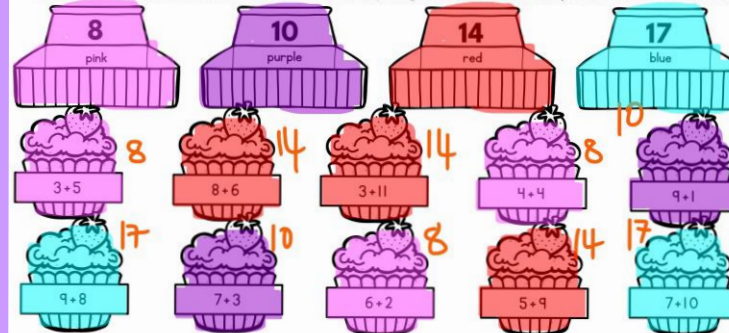
Whoops! You lost the address of the place where the Valentine's Day party is being held. Help figure out where the party is by solving each clue so you can arrive on time!

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



Clue #1: Sorting Cupcakes

Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!



- 3 pink cupcakes
- 1 purple cupcake
- 4 red cupcakes
- 2 blue cupcakes

Cross out houses with 1 tree in the front yard.

- 3 pink cupcakes
- 2 purple cupcakes
- 3 red cupcakes
- 2 blue cupcakes

Cross out houses with 2 trees in the front yard.

- 3 pink cupcakes
- 3 purple cupcakes
- 2 red cupcakes
- 2 blue cupcakes

Cross out houses with any bushes in the front yard.

- 2 pink cupcakes
- 3 purple cupcakes
- 2 red cupcakes
- 3 blue cupcakes

Cross out houses with windows.

Where is the Party?

Figure out where the Valentine's Day party is being held by solving each clue.



Name: _____

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

When all clues are completed, the mystery of the Valentine Party will be solved!

SKILL PRACTICE

Clue #1: Sorting Cupcakes
Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

12 pink
20 purple
24 red
40 blue

6x2
8x3
8x5
5x4

3 pink cupcakes
1 purple cupcake
4 red cupcakes
2 blue cupcakes

Cross out houses with 1 tree in the front yard.

Clue #2: 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: 9, 6, 5, 1, 8, 7, 2, 10, 3
81÷9, 48÷8, 10÷2, 3÷3, 64÷8, 35÷5, 18÷9, 70÷7, 24÷8

Letters: C, A, N, D, Y, R, O, A, D

The party is NOT on...
Use this decoder to help you figure out what letter is equal to each picture.

A= [picture of a house] G= [picture of a gift] M= [picture of a moon] S= [picture of a star] Y= [picture of a yellow star]
B= [picture of a heart] H= [picture of a heart] N= [picture of a heart] T= [picture of a heart] Z= [picture of a heart]
C= [picture of a heart] I= [picture of a heart] O= [picture of a heart] U= [picture of a heart]
D= [picture of a heart] J= [picture of a heart] P= [picture of a heart] V= [picture of a heart]
E= [picture of a heart] K= [picture of a heart] Q= [picture of a heart] W= [picture of a heart]
F= [picture of a heart] L= [picture of a heart] R= [picture of a heart] X= [picture of a heart]

Clue #3: Right or Wrong?
Is the answer correct? Color the heart in to show if you agree.

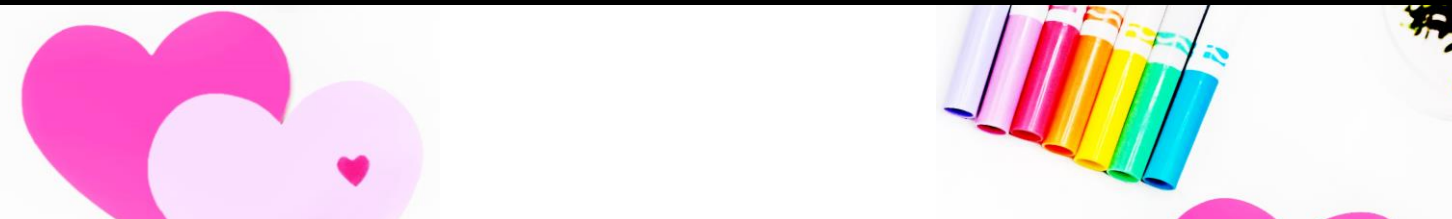
35, 8x10=80, 3x7=21, 9x8=72, 8x7=54, 56

66 Rose Street.
99 Love Lane.
33 Heart Way.
22 Rose Street.

- Version 1:
Addition & Subtraction Facts
- Version 2:
Multiplication & Division Facts

All clues focus on reviewing math facts!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Sorting Cupcakes

Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Clue #2: Picture Decoder

Draw a line to each match. Then, use the decoder at the bottom to solve the clue.

Clue #3: Right or Wrong?

Is the answer correct? Color the heart in to show if you agree.

5+5=10	11+5=15	8+9=17

In each box, color a happy heart or a sad heart to show if the answer is correct.

How many answers were correct?

- | | |
|--------------------------------------|---------------------------------------|
| 1 Correct = Cross out 77 Candy Road. | 5 Correct = Cross out 66 Rose Street. |
| 2 Correct = Cross out 44 Love Lane. | 6 Correct = Cross out 99 Love Lane. |
| 3 Correct = Cross out 55 Candy Road. | 7 Correct = Cross out 33 Heart Way. |
| 4 Correct = Cross out 88 Heart Way. | 8 Correct = Cross out 22 Rose Street. |

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Clue #3: Right or Wrong?

Did the kid write the correct comparison symbol? Color the heart in to show if you agree.

379	397	Two	Two	90	8+

Clue #4: The Chocolate Box

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

Clue #5: Fill in the Blank

3	10	17	6	13	15
2	7	18	20	19	14
5					2
19-7=					
3+2=					
10-8=	2	has	4+9=	13	above

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: Sorting Cupcakes

Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

8	10	14	17
pink	purple	red	blue
3+5	8+6	3+11	4+4
9+8	7+3	6+2	5+9

- | | | | |
|--|---|---|---|
| • 3 pink cupcakes
• 1 purple cupcake
• 4 red cupcakes
• 2 blue cupcakes | • 3 pink cupcakes
• 2 purple cupcakes
• 3 red cupcakes
• 2 blue cupcakes | • 3 pink cupcakes
• 3 purple cupcakes
• 2 red cupcakes
• 2 blue cupcakes | • 2 pink cupcakes
• 3 purple cupcakes
• 2 red cupcakes
• 3 blue cupcakes |
|--|---|---|---|

Cross out houses with 1 tree in the front yard.

Cross out houses with 2 trees in the front yard.

Cross out houses with any bushes in the front yard.

Cross out houses with windows.

Clue #1: Sorting Cupcakes

Find each answer. Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

8	10	14	17
pink	purple	red	blue
3+5	8+6	3+11	4+4
9+8	7+3	6+2	5+9

- | | | | |
|--|---|---|---|
| • 3 pink cupcakes
• 1 purple cupcake
• 4 red cupcakes
• 2 blue cupcakes | • 3 pink cupcakes
• 2 purple cupcakes
• 3 red cupcakes
• 2 blue cupcakes | • 3 pink cupcakes
• 3 purple cupcakes
• 2 red cupcakes
• 2 blue cupcakes | • 2 pink cupcakes
• 3 purple cupcakes
• 2 red cupcakes
• 3 blue cupcakes |
|--|---|---|---|

Cross out houses with 1 tree in the front yard.

Cross out houses with 2 trees in the front yard.

Cross out houses with any bushes in the front yard.

Cross out houses with windows.

Short & Long Options


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
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: The Chocolate Box 

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

$12 \div 6$ T 2	$54 \div 6$ H 9	$70 \div 10$ W 7	$15 \div 5$ R 3	$56 \div 7$ O 8
$42 \div 7$ F 6	$8 \div 8$ E 1	$45 \div 9$ N 5	$100 \div 10$ E 10	$8 \div 2$ R 4

Cross out the boxes with the following answers:
1, 2, 3, 4, 6, 7, 9
The letters that are left will reveal a message.

The party is not being held at a house
with one bush.

THE LIFETIME LEARNER

This can be used in
partners, small
groups with the
teacher, table
groups, centers, and
more!

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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Clue #5: Fill in the Blank

Answer:	Word:	Answer:	Word:	Answer:	Word:
$19-7=$ 12	Party	$12+6=$ 18	one	$12-9=$ 3	the
$3+2=$ 5	house	$2-1=$ 1	heart	$7+7=$ 14	front
$10-8=$ 2	has	$4+9=$ 13	above	$15-8=$ 7	door

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!

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

LET'S DRAW...
a cupcake

LET'S DRAW...
an envelope

Where is the Party?
Figure out where the Valentine's Day party is being held by solving each clue.

99 Love Lane	44 Love Lane	77 Candy Road	55 Candy Road
33 Heart Way	88 Heart Way	22 Rose Street	66 Rose Street

Name: _____

solve the mystery

The Case of the Valentine Party

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: Color the Chocolates

Fill in the blank with the missing adverb. Color in each chocolate box. Then, read the bottom.

She signed the Valentine cards right as the bell	The children decorated the mailbox _____ with	The teacher read the poem _____ to the class.	The dove landed on the balcony _____ during the ceremony.	The waiter carried the dessert tray _____ to the couple's table.	The musician played the song _____ on his guitar.
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What color boxes do you see? Find the key that matches for your next hint!

<ul style="list-style-type: none">1 pink box2 purple boxes2 red boxes1 blue box <p>The party house does not have <u>three</u> windows.</p>	<ul style="list-style-type: none">1 pink box2 purple boxes2 red boxes1 blue box <p>The party house does not have <u>four</u> windows.</p>	<ul style="list-style-type: none">1 pink box2 purple boxes2 red boxes1 blue box <p>The party house does not have <u>five</u> windows.</p>	<ul style="list-style-type: none">1 pink box2 purple boxes2 red boxes1 blue box <p>The party house does not have <u>six</u> windows.</p>
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Example of Clue 1

Math

Clue #1: Sorting Cupcakes

Find each answer: Color the cupcakes the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

8 pink	10 purple	14 red	17 blue
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8 + 6 = 14
3 + 11 = 14
4 + 4 = 8
9 + 1 = 10
7 + 3 = 10
6 + 2 = 8
5 + 9 = 14
7 + 10 = 17

<ul style="list-style-type: none">3 pink cupcakes1 purple cupcake4 red cupcakes2 blue cupcakes <p>Cross out houses with 1 tree in the front yard.</p>	<ul style="list-style-type: none">3 pink cupcakes2 purple cupcakes3 red cupcakes2 blue cupcakes <p>Cross out houses with 2 trees in the front yard.</p>	<ul style="list-style-type: none">3 pink cupcakes3 purple cupcakes2 red cupcakes2 blue cupcakes <p>Cross out houses with any bushes in the front yard.</p>	<ul style="list-style-type: none">2 pink cupcakes3 purple cupcakes2 red cupcakes3 blue cupcakes <p>Cross out houses with windows.</p>
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KEEP THE FUN GOING!

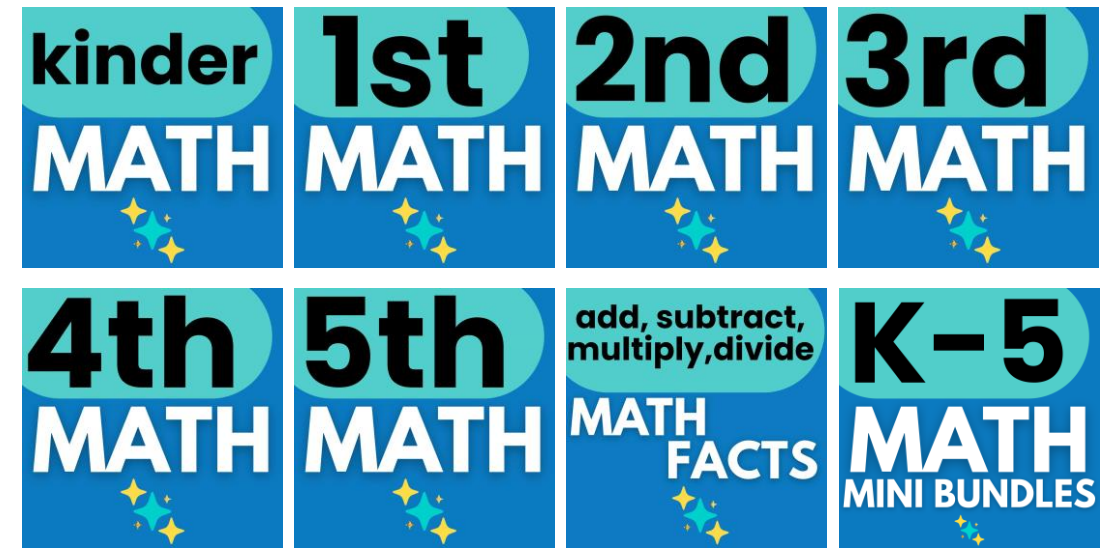
GRAB A **READING MYSTERY**:

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!**

