



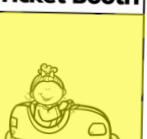


WHAT IS THIS?

The image displays a series of colorful worksheets for a mystery game titled "The Case of the Missing Cotton Candy". The worksheets are arranged in a stack, with the top one showing the title and a pink cotton candy illustration. Below the title, the worksheets include:

- Clue #1: Picture Decoder** (magnifying glass icon): 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: Error Analysis** (magnifying glass icon): Check the answers for each location. Put a check or an X next to each answer.
- Clue #3: Detective Report** (magnifying glass icon): The theme park is my favorite place to go, and I've been there $5+4$ times. Today, I went there with 9 .
- Clue #4: The Roller Coaster** (magnifying glass icon): Put the correct answer in each box. Then, read what to do at the bottom.
- Clue #5: Descrambler** (magnifying glass icon): Solve each box. Then, read what to do at the bottom.

The bottom worksheet, "Where's the Cotton Candy?", features a grid of amusement park rides with math problems and a "Name:" field. The rides are:

Where's the Cotton Candy?			
 Roller Coaster	 Ball Toss	 Popcorn Cart	 Ticket Booth
 Pirate Ship	 Merry-Go-Round	 Ferris Wheel	 Bumper Cars

THE LIFETIME LEARNER

Students complete a series of clues to figure out where the cotton candy is!

HOW TO PLAY

What Happened?

Oh no! You accidentally left your cotton candy somewhere in the theme park and can't find it. Now, it's your job to search the park and find out where it is. Solve each clue to figure out the mystery. Every time you solve a clue, you will get closer to discovering where the cotton candy is! Good luck!

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 cotton candy is.
3. Cross out wrong places 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.

9	54	80	8	15	30	63	28	36
Answers: <u>8</u> <u>63</u> <u>15</u> <u>9</u> <u>36</u> <u>80</u> <u>28</u> <u>54</u> <u>30</u>								
$\frac{4 \times 2}{9 \times 7} \quad \frac{5 \times 3}{1 \times 9} \quad \frac{6 \times 6}{10 \times 8} \quad \frac{7 \times 4}{9 \times 6} \quad \frac{3 \times 10}{}$								

Letters: N O A N I M A L S

The cotton candy is somewhere with:

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 LIFETIME LEARNER

Where's the Cotton Candy?

Roller Coaster	Ball Toss	Popcorn Cart	Ticket Booth
Pirate Ship	Merry-Go-Round	Ferris Wheel	Bumper Cars

Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what place(s) to cross out.
When all clues are completed, the mystery of the cotton candy 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.

16 19 17

Answers: $\frac{13}{5+8}$ $\frac{14}{12+2}$

Letters: N O

The cotton candy is somewhere with:

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

Clue #2: Error Analysis

Check the answers for each location. Put a check or an X next to each answer.

<input checked="" type="checkbox"/> $19-6=12$	<input checked="" type="checkbox"/> $9-1=10$	<input checked="" type="checkbox"/> $18-3=15$
<input checked="" type="checkbox"/> $11-2=9$	<input checked="" type="checkbox"/> $13-4=8$	<input checked="" type="checkbox"/> $11-7=4$
<input checked="" type="checkbox"/> $8-4=5$	<input checked="" type="checkbox"/> $15-6=9$	<input checked="" type="checkbox"/> $19-10=9$
<input checked="" type="checkbox"/> $17-3=14$	<input checked="" type="checkbox"/> $1-1=2$	<input checked="" type="checkbox"/> $11-2=8$
<input checked="" type="checkbox"/> $16-8=8$	<input checked="" type="checkbox"/> $20-3=17$	<input checked="" type="checkbox"/> $9-3=6$

The location with the most correct answers is NOT where the cotton candy is.

Clue #3: Detective Report

favorite place to go, and I've been there $\frac{6+12}{10+9}$ times. Today, I went there with $\frac{18}{19}$ ride tickets. Then, we went on a snack break and bought $\frac{5+3}{8}$ ice cream cones. We went on the bumper cars and hit each other 10 times. We went on the Ferris wheel and stayed at the top for 15 minutes.

I=19 N=20
O=16 E=8
A=9 R=5
D=15 T=18

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

All clues focus on reviewing math facts!

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: Error Analysis

Check the answers for each location. Put a check or an X next to each answer.

Clue #3: Detective Report

The theme park is my favorite place to go, and I've been there 3×9 times. Today, I went there with 50 friends. First, we went to the ticket booth and got 4×8 ride tickets. Then, we went on the fastest roller coaster 2×2 popcorn buckets. I hit each other 7×1 times. I waited 32 minutes for the top for 4×8 minutes. I waited to come back another 45 times.

3 Clue Version

The cotton candy wasn't left in a place that is:

43 32 27 50 54 41 7 4
NOT A RIDE

Figure out each answer. Then, use the decoder to figure out the clue.

O=32 E=4
A=50 R=56
D=7 T=27

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: Error Analysis

Check the answers for each location. Put a check or an X next to each answer.

Clue #3: Detective Report

The theme park is my favorite place to go, and I've been there 5×4 times. Today, I went there with 9 friends.

Clue #4: The Roller Coaster

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

Clue #5: Descrambler

Solve each box. Then, read what to do at the bottom.

5 Clue Version

Place the correct letter on top of each matching answer.
The cotton candy is at a ride where you can:

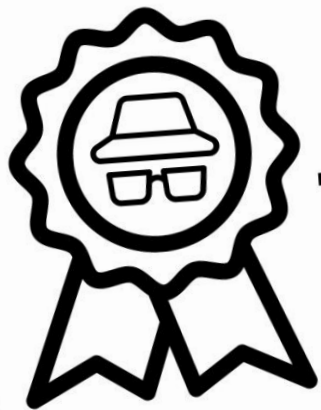
C O N T R O L I T

Short & Long Options

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

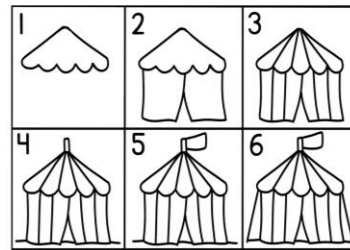
You solved the mystery!

11/2
Date

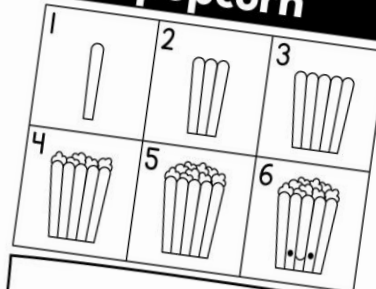
AW
Presented by:

LET'S DRAW...

a carnival tent



LET'S DRAW...
popcorn



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 Roller Coaster

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

15-1 X 14	11-6 F 5	13-10 X 3	20-4 X 16
16-9 A 7	17-2 S 15	13-4 X 9	18-6 X 12
9-8 X 1	17-6 X 11	20-7 T 13	12-6 X 6

Cross out the boxes with the following answers:
1, 3, 6, 9, 11, 12, 14, 16

The letters that are left will reveal a message.

The cotton candy is somewhere near a ride that is NOT Fast.

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!

Clue #1: Find It!
Solve each question. Circle the boxes that equal 15.
Read the words you circled from left to right like a book to solve the clue.

Clue #2: Error Analysis
Check the answers for each location. Put a check or an X next to each answer.

Clue #3: Detective Report
The theme park is my favorite place to go, and I've been there $6+6$ times. Today, I went there with 12 .

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

Clue #5: Descrambler
Solve each box. Then, read what to do at the bottom.

Place the correct letter on top of each matching answer.
The cotton candy is at a ride where you can:

C O N T R O L I T

The Detective Agency sends congratulations to:

Lindsay
You solved the mystery!

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

LET'S DRAW...
a carnival tent

1 2 3
4 5 6

LET'S DRAW...
popcorn


1 2 3
4 5 6

Where's the Cotton Candy?

 Roller Coaster	 Ball Toss	 Popcorn Cart	 Ticket Booth
 Pirate Ship	 Merry-Go-Round	 Ferris Wheel	 Bumper Cars

Name: _____

solve the mystery



The Case of the Missing Cotton Candy

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: The Theme Park

Look at the sentences for the Ferris Wheel and Ticket Booth.
Circle the side that has correct part of speech underlined.

If the Ferris Wheel has more circles, cross out any rides.
If the Ticket Booth has more circles, cross out any places near food.

verb	adjective
The roller coaster zoomed down the track, and everyone screamed!	The Ferris wheel stopped at the very top, and we could see the whole park.
A splash of water soaked us as the log ride hit the bottom suddenly.	The smell of popcorn and cotton candy filled the air.
Bright lights flashed while the music played loudly all around.	They laughed as the bumper cars crashed into each other.
The spinning teacups twirled so fast we felt dizzy.	Fireworks exploded above the castle and lit up the sky.

Example of Clue 1

Math

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.

Picture	Number						
9	54	80	15	30	63	28	36

8 63 15 9 36 80 28 54 30

4x2 9x7 5x3 1x9 6x6 10x8 7x4 9x6 3x10

N O A N I M A L S

The cotton candy is somewhere with:

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!

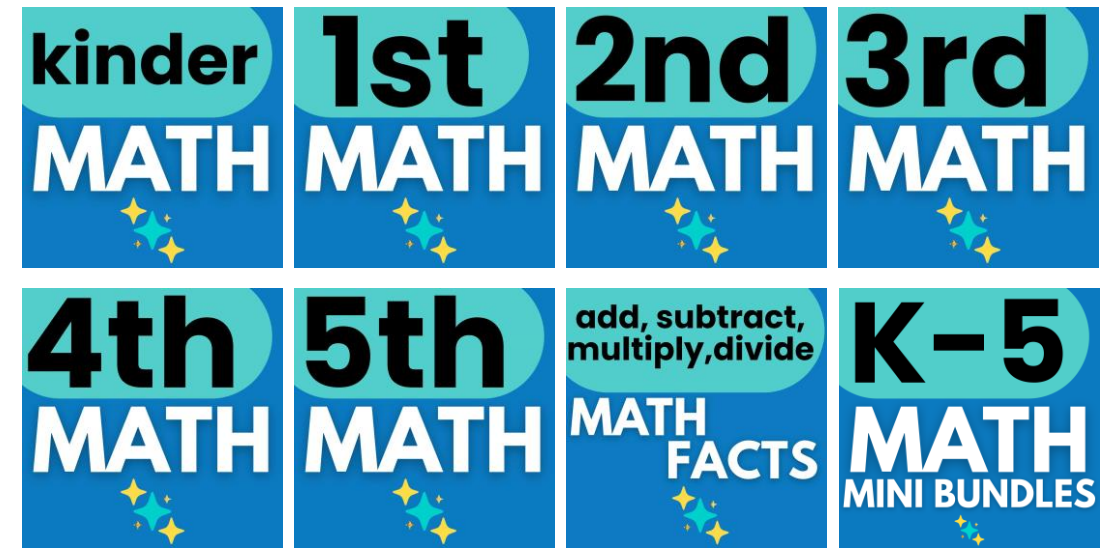
GRAB A **READING MYSTERY**:

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!**

