

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: 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 $\frac{345.112}{7.16 \times 48.2}$ times. Today, I went there with

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

16.1056 91 38.6698 72.4688 7.9 4.3 46.6704 132 25.9259

solve the mystery

The Case of the Missing Cotton Candy

THE LIFETIME LEARNER

Where's the Cotton Candy?

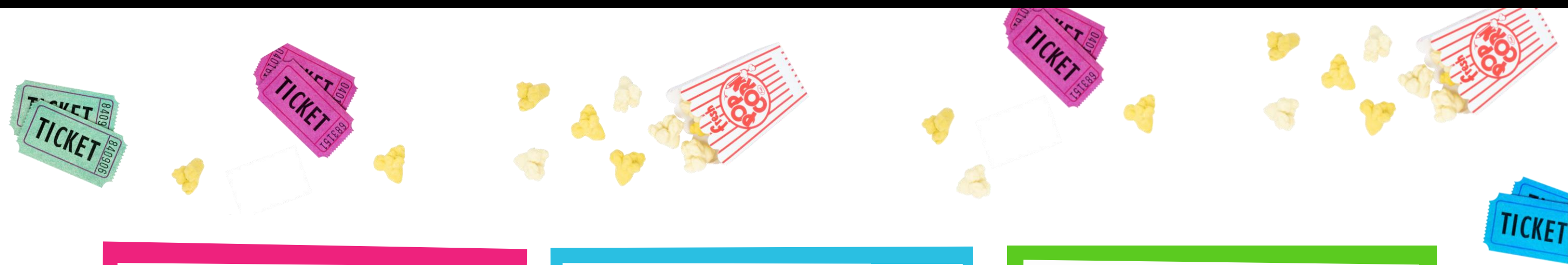
 Roller Coaster	 Ball Toss	 Popcorn Cart	 Ticket Booth
 Pirate Ship	 Merry-Go-Round	 Ferris Wheel	 Bumper Cars

Name: _____

THE LIFETIME LEARNER

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.

0.46	0.135	0.2624	0.2262	0.228	0.108	0.0495	0.0836	0.174

Answers: 0.2262 0.0495 0.228 0.46 0.174 0.2624 0.0836 0.135 0.108

0.26x0.87 0.45x0.11 0.76x0.3 0.92x0.5 0.3x0.58 0.64x0.41 0.38x0.22 0.15x0.9 0.4x0.27

Letters: N O A N I M A L S

The cotton candy is somewhere with:

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's the Cotton Candy?

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

Name: _____

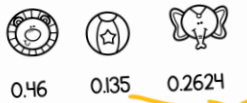
THE LIFETIME LEARNER

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.



0.46 0.135 0.2624

Answers: $\frac{0.222}{0.26 \times 0.87}$ $\frac{0.0495}{0.45 \times 0.11}$ $\frac{0.7}{0.7}$

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

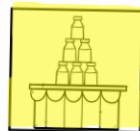
Check the answers for each location. Put a check or an X next to each answer.



$29.34 \div 6 = 4.89$



$89.55 \div 5 = 17.93$



$37.89 \div 9 = 4.21$

$65.7 \div 5 = 13.16$

$10.08 \div 2 = 5.04$

$96.46 \div 7 = 13.78$

$58.6 \div 4 = 14.65$

$72.36 \div 6 = 12.60$

$52.7 \div 4 = 13.39$

$34.88 \div 8 = 4.37$

$26.12 \div 4 = 6.57$

$48.12 \div 3 = 16.04$

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

Clue #3: Detective Report

My favorite place to go, and I've been there $\frac{345.112}{7.16 \times 48.2}$ times. Today, I went there with $\frac{384.252}{28.4 \times 13.53}$ friends.

We went on $\frac{42.462}{33.7 \times 1.26}$ ride tickets. Then, we went on a snack break and bought $\frac{42.462}{33.7 \times 1.26}$ items on the bumper cars and hit each $\frac{42.462}{33.7 \times 1.26}$ bumper car. We went on the roller coaster wheel and stayed at the top for $\frac{42.462}{33.7 \times 1.26}$ minutes.

I=384.252 N=11.2812
O=36.084 E=42.462
A=299.7 R=893.319
D=60.4128 T=345.112

- Multiply & Divide Decimals
- Theme Park-Themed
- Error Analysis Practice

All clues focus on reviewing 5th grade skills!

MULTIPLE VERSIONS



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

3 Clue Version

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

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

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

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:
CONTROL IT

Print & Digital Forms

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

<input checked="" type="checkbox"/> $29.34 \div 6 = 4.89$	<input checked="" type="checkbox"/> $89.55 \div 5 = 17.93$	<input checked="" type="checkbox"/> $37.89 \div 9 = 4.21$
<input checked="" type="checkbox"/> $65.7 \div 5 = 13.16$	<input checked="" type="checkbox"/> $10.08 \div 2 = 5.04$	
<input checked="" type="checkbox"/> $58.6 \div 4 = 14.65$	<input checked="" type="checkbox"/> $72.36 \div 6 = 12.60$	
<input checked="" type="checkbox"/> $34.88 \div 8 = 4.37$	<input checked="" type="checkbox"/> $26.12 \div 4 = 6.57$	

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

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

<input checked="" type="checkbox"/> $29.34 \div 6 = 4.89$	<input type="checkbox"/> $89.55 \div 5 = 17.93$	<input type="checkbox"/> $37.89 \div 9 = 4.21$
<input type="checkbox"/> $65.7 \div 5 = 13.16$	<input type="checkbox"/> $10.08 \div 2 = 5.04$	<input type="checkbox"/> $96.46 \div 7 = 13.78$
<input type="checkbox"/> $58.6 \div 4 = 14.65$	<input type="checkbox"/> $72.36 \div 6 = 12.60$	<input type="checkbox"/> $52.7 \div 4 = 13.39$
<input type="checkbox"/> $34.88 \div 8 = 4.37$	<input type="checkbox"/> $26.12 \div 4 = 6.57$	<input type="checkbox"/> $48.12 \div 3 = 16.04$

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

Short & Long Options

2 MATH FACT OPTIONS!

Where's the Cotton Candy?

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

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: 13 14 11 16 4 17 10 19
 5×8 $12 \div 2$ 4×7 $10 \div 6$ $1 \div 3$ 9×8 5×5 3×6

Letters: N O A N I M A I

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"/> $9 - 6 = 12$	<input checked="" type="checkbox"/> $9 - 1 = 10$	<input checked="" type="checkbox"/> $8 - 3 = 15$
<input checked="" type="checkbox"/> $11 - 2 = 9$	<input checked="" type="checkbox"/> $3 - 4 = 8$	<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"/> $11 - 2 = 8$

Clue #4: The Roller Coaster

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

K $49 \div 7$	X $32 \div 8$	X $27 \div 3$	X $45 \div 9$
X $15 \div 5$	X $24 \div 3$	X $70 \div 7$	X $5 \div 5$
X $16 \div 8$	X $35 \div 7$	X $54 \div 9$	X $90 \div 10$

Cross out the boxes with the following answers: **1, 2, 5, 7, 9, 10**
The letters that are left will reveal a message.

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

Clue #3: Detective Report

The theme park is my favorite place to go, and I've been there $6 + 12$ **18** times. Today, I went there with 2×7 **14** friends. First, we went to the ticket booth and got $10 + 9$ **19** ride tickets. Then, we went on the fastest roller coaster and screamed $14 + 6$ **20** times. We took a snack break and bought $5 + 3$ **8** popcorn buckets from the popcorn cart. Later, my friends and I went on the bumper cars and hit each other $8 + 7$ **15** times. Near the end of the day, we went on the Ferris wheel and stayed at the top for 3×3 **9** minutes. I had such a great day at the fair, and I can't come back another $1 + 4$ **5** times.

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

I=19 N=20
O=16 E=8
R=5
T=18

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: **CONTROL IT**

Same clues. Same mystery. Different math!

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

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 carnival tent

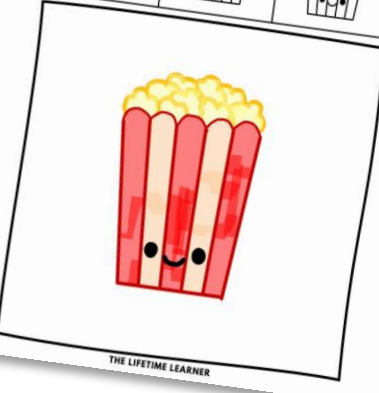
1	2	3
4	5	6



THE LIFETIME LEARNER

LET'S DRAW...
popcorn

1	2	3
4	5	6




THE LIFETIME LEARNER

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 Roller Coaster 

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

$1.23 \div 0.06$	$33.02 \div 0.8$	$59.4 \div 0.12$	$63.96 \div 0.4$
X 20.5	F 41.275	X 495	X 159.9
$44.16 \div 0.8$	$71.89 \div 0.56$	$17.31 \div 0.24$	$11.48 \div 0.82$
A 55.2	S 28.375	X 72.125	X 14
$275 \div 0.05$	$5.14 \div 0.2$	$96.48 \div 0.16$	$42.39 \div 0.3$
X 550	X 25.7	T 603	X 141.3

Cross out the boxes with the following answers:
20.5, 550, 495, 72.125, 159.9,
14, 25.7, 141.3

The letters that are left will reveal a message.

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

THE LIFETIME LEARNER

In 5th 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: 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 $6+6$ ¹² times. Today, I went there with

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

16.1056 71 38.6698 72.9688 71 9.3 46.6704 132 25.9259

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2 **AW**

Date 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

Example of Clue 1

Math

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.

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

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.

0.46	0.135	0.2624	0.2262	0.228	0.108	0.0495	0.0836	0.174	
s: <u>0.2262</u> <u>0.0495</u> <u>0.228</u> <u>0.46</u> <u>0.174</u> <u>0.2624</u> <u>0.0836</u> <u>0.135</u> <u>0.108</u>									
0.26x0.87 0.45x0.11 0.76x0.3 0.92x0.5 0.3x0.58 0.64x0.41 0.38x0.22 0.15x0.9 0.4x0.27									
s: <u>N</u> <u>O</u> <u>A</u> <u>N</u> <u>I</u> <u>M</u> <u>A</u> <u>L</u> <u>S</u>									

The cotton candy is somewhere with:

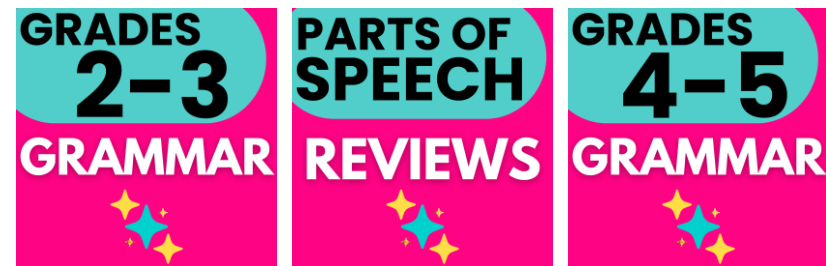
Use this decoder to help you figure out what letter is equal to each picture.

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!

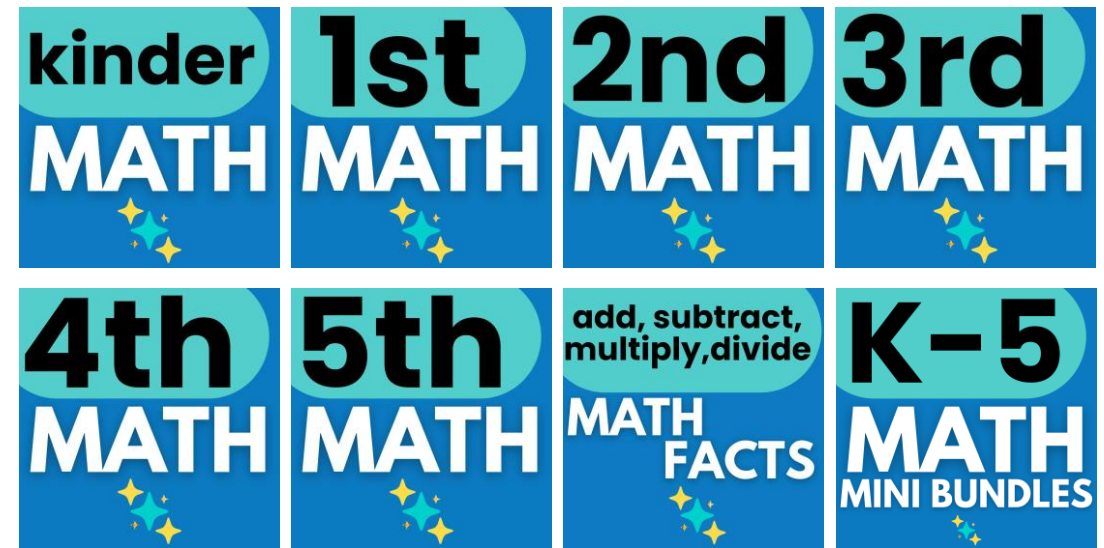
GRAB A **READING MYSTERY**:

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!**

