

# What Are Math Mysteries?

**solve the  
mystery**



**The Case of the Missing Wand**

THE LIFETIME LEARNER

## The Suspect List

Read what the suspects had to say about where they were when the magic wand went missing.

<p>I was flying in the forest.</p>	<p>I was flying in the garden.</p>	<p>I was at my house.</p>	<p>I was in the forest.</p>
<b>Dragon</b>	<b>Fairy</b>	<b>Gnome</b>	<b>Unicorn</b>
<p>I was at the shop.</p>	<p>I was in the garden.</p>	<p>I was at my house.</p>	<p>I was at the shop.</p>
<b>Wizard</b>	<b>Monster</b>	<b>Witch</b>	<b>Troll</b>

Name: \_\_\_\_\_

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.

### Clue #2: Color the Castle

Solve each question. Circle the right answer and color each piece in on the castle. Then read the bottom.

$4\frac{5}{8} + 3\frac{2}{8}$     $2\frac{3}{2} + 1\frac{8}{2}$     $5\frac{1}{4} + 4\frac{2}{4}$

### Clue #3: Detective Report

Once upon a time, there were  $2\frac{1}{2} + 1\frac{3}{4}$  fairies. The fairies went to the castle to give the princess  $2\frac{2}{4}$  gifts. The first fairy waved her magic wand  $4\frac{2}{2} + 3\frac{2}{2}$  times and gave the princess a beautiful dress. The next

### Clue #4: The Cottage

First, fill in the answers in each box. Then, read what to do at the bottom.

$5\frac{2}{2} - 1\frac{1}{2}$	$9\frac{2}{2} - 4\frac{1}{2}$
<del><math>4\frac{3}{8}</math></del> snout	<del><math>5\frac{2}{12}</math></del> spot
$3\frac{1}{2} - 1\frac{1}{2}$	$6\frac{1}{2} - 2\frac{1}{2}$

### Clue #5: Right or Wrong?

Look at each answer. Decide if it's right or wrong. Color a thumbs up or down to show if you agree.

$6\frac{9}{12} - 4\frac{5}{12}$	$8\frac{1}{2} - 3\frac{1}{2}$	$5\frac{4}{10} - 2\frac{5}{10}$	$7\frac{6}{8} - 6\frac{4}{8}$
$2\frac{2}{2}$	$5\frac{1}{2}$	$2\frac{3}{10}$	$1\frac{1}{8}$
$9\frac{5}{6} - 5\frac{1}{6}$	$6\frac{2}{3} - 2\frac{2}{3}$	$10\frac{7}{12} - 4\frac{8}{12}$	$5\frac{3}{4} - 3\frac{1}{4}$
$3\frac{4}{6}$	4	$5\frac{8}{12}$	$2\frac{2}{4}$

How many answers did each character get correct?

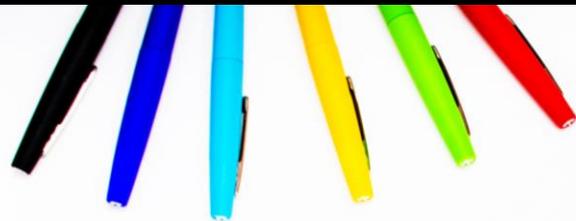
<del>3</del>	2
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Cross out who got more answers correct. Now you should know who stole the missing wand!

*In every math mystery, students work through a series of fun, skill-based clues to crack the case!*

Each clue builds math skills while keeping engagement high—students don't even realize they're practicing, they're too busy solving!

# What's Included?



Each bundle comes with:

- **30 unique math mysteries** (a \$180 value if purchased separately).
- **High-interest themes** kids love.
- **Ready-to-use activities** that save you time and keep your students on task.

**Clue #1: Fill in the Blank**  
Round each number to the nearest ten.

throw 4,670	somewhere 4,850	pool 4,210	the 4,570	hit 4,630	ball 4,400
trophy 4,640	catch 4,450			you	net
track 4,860	kick 4,440				

Answer: Word:  
4,568 4570 The  
4,639 4640 trophy  
4,732 4730 isn't

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

**Clue #2: Who Scored More?**  
Round each number to the underlined place value. Circle the player with the correct answer.  
When you're done solving all questions, count up who got more correct answers. Cross that sport out on your location list.

24,800	24,758	24,750	59,000	59,348	60,000
61,000	61,049	60,000	98,120	98,119	98,100
75,280	75,283	75,300	14,000	13,582	13,600
38,000	37,992	37,000	42,980	42,977	43,000

**Clue #3: Detective Report**  
Round each number to the nearest 1000.  
Best friends who competed to see who was the most athletic by joining over 24,591 months. For 58,422 month, Ahmed joined swimming, baseball, and football teams, and Mary were playing, Ahmed and Mary never had ally decided to only play basketball, which and only stayed on the football team, y were finally able to go to each other's

A=58,000	J=58,420	S=83,400
B=83,370	K=82,000	T=37,000
C=25,000	L=59,000	U=83,000
D=95,450	M=57,000	V=36,900
E=84,000	N=24,590	W=20,000
F=58,400	O=95,000	X=38,000
G=75,610	P=24,600	Y=36,890
H=75,000	Q=95,400	Z=80,000
I=75,600	R=76,000	

**Save big by grabbing the complete bundle instead of buying individually!**

# 30 Math Skills for 4th Grade

Every mystery focuses on a key 4th grade math skill—covering everything from multi-digit multiplication and long division to fractions, decimals, and seasonal reviews.

## Seasonal & Holidays

- School Mystery: Back to School Math Review
- Halloween Mystery: 4th Grade Math Review
- Thanksgiving Mystery: 4th Grade Math Review
- Christmas Mystery: 4th Grade Math Review
- Winter Mystery: 4th Grade Math Review
- Valentine's Day Mystery: 4th Grade Math Review
- Leprechaun Mystery: 4th Grade Math Review
- Easter Mystery: 4th Grade Math Review
- Spring Mystery: 4th Grade Math Review
- Summer Mystery: 4th Grade Math Review

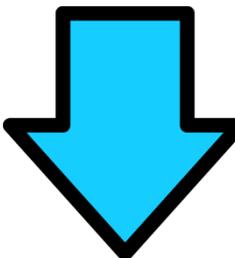
## Every Day Fun

- Donut Mystery: Long Division:
- Sports Mystery: Rounding to Any Place Value
- Pet Shop Mystery: Multiplicative Comparisons
- Video Game Mystery: Multi-Step Word Problems
- Restaurant Mystery: Compare Decimals
- Theme Park Mystery: Add Fraction Denominators of 10 & 100
- Ocean Mystery: 2 by 2 Digit Multiplication
- Zoo Mystery: Geometry
- Camping Mystery: Area and Perimeter
- Mailman Mystery: Measure with Protractors
- Box Mystery: Measurement Conversions

## High-Interest Adventures

- Dinosaur Mystery: Add and Subtract to 100,000
- Magic Mystery: Add and Subtract Mixed Numbers
- Pirate Mystery: Place Value to 100,000
- Space Mystery: 1 by 3 Digit Multiplication
- Rock Star Mystery: Factors and Multiples
- Safari Mystery: Equivalent & Comparing Fractions
- Travel Mystery: Multiply Fractions by Whole Numbers
- Missing Princess Mystery: 1 by 4 Digit Multiplication
- Race Car Mystery: Read and Write Decimals

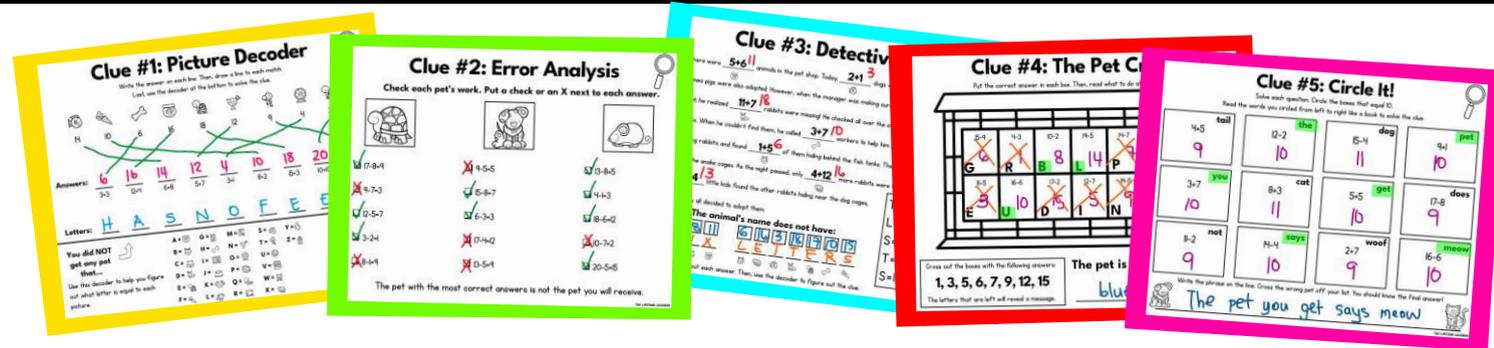
plus...



# 60 Math Fact Mysteries!

Add/Subtract and Multiply/Divide Facts Version of Each

## Themes Included:



1. Back to School Mystery
2. Christmas Mystery
3. Easter Mystery
4. Valentine's Day Mystery
5. Halloween Mystery
6. Spring Mystery
7. St. Patrick's Day Mystery
8. Thanksgiving Mystery
9. Summer Mystery
10. Winter Mystery
11. Box Mystery
12. Donut Mystery
13. Sports Mystery
14. Camping Mystery
15. Mailman Mystery
16. New Pet Mystery
17. Ocean Mystery
18. Video Game Mystery
19. Zoo Mystery
20. Travel Mystery
21. Dinosaur Mystery
22. Magic Wand Mystery
23. Missing Princess Mystery
24. Pirate Mystery
25. Race Car Mystery
26. Restaurant Mystery
27. Rock Star Mystery
28. Safari Mystery
29. Space Mystery
30. Theme Park Mystery

Along with the thirty 4th grade math skills, you'll also receive an **add/subtract math facts of every single mystery AND a multiplication/division facts mystery!**

- Perfect for students who need a challenge or remediation
- Built-in differentiation—without any extra prep.

That means you're *really* getting **three mysteries in one for every theme** (a 4th grade math skill AND math facts) so you can easily differentiate for every student!

# Every Mystery Comes in Multiple Formats

## 3 & 5 Clue Options

## Print & Digital Forms

The printed cards are stacked as follows:

- Clue #1: Picture Decoder** (top): Put the fractions in order from least to greatest. Draw a line from each match to the line it belongs on. Then, use the decoder at the bottom to figure out what letter each animal stands for.
- Clue #2: Error Analysis**: Each animal is trying to find equivalent fractions. Check each animal's work. Put a check or an X next to each answer.
- Clue #3: Find It!**: Use the number lines to compare each set of fractions. Circle the boxes that have a  $\geq$  symbol. Read the words you circled from left to right like a book to solve the clue.
- Clue #4: The Safari Jeep**: First, draw a picture of each fraction. Then, read what to do at the bottom.
- Clue #5: Fill in the Blank**: Compare each set of fractions. Use the fraction strips above each question to help you. 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 #2: Error Analysis**  
Each animal is trying to find equivalent fractions. Check each animal's work. Put a check or an X next to each answer.

		
<input checked="" type="checkbox"/> $1/2$ is equal to $3/4$ .	<input checked="" type="checkbox"/> $2/10$ is equal to $1/5$ .	<input checked="" type="checkbox"/> $8/10$ is equal to $5/5$ .
<input checked="" type="checkbox"/> $3/5$ is equal to $4/5$ .	<input checked="" type="checkbox"/> $5/5$ is equal to $12/12$ .	<input checked="" type="checkbox"/> $1/6$ is equal to $2/12$ .
<input checked="" type="checkbox"/> $4/8$ is equal to $6/12$ .	<input checked="" type="checkbox"/> $6/8$ is equal to $3/4$ .	<input checked="" type="checkbox"/> $3/8$ is equal to $6/8$ .
<input checked="" type="checkbox"/> $3/3$ is equal to $10/10$ .	<input checked="" type="checkbox"/> $2/4$ is equal to $6/10$ .	<input checked="" type="checkbox"/> $6/6$ is equal to $1/3$ .

The animal with the most correct answers is **NOT** the animal you...

**Clue #2: Error Analysis**  
Each animal is trying to find equivalent fractions. Check each animal's work. Put a check or an X next to each answer.

		
<input checked="" type="checkbox"/> $1/2$ is equal to $3/4$ .	<input type="checkbox"/> $2/10$ is equal to $1/5$ .	<input type="checkbox"/> $8/10$ is equal to $5/5$ .
<input type="checkbox"/> $3/5$ is equal to $4/5$ .	<input type="checkbox"/> $5/5$ is equal to $12/12$ .	<input type="checkbox"/> $1/6$ is equal to $2/12$ .
<input type="checkbox"/> $4/8$ is equal to $6/12$ .	<input type="checkbox"/> $6/8$ is equal to $3/4$ .	<input type="checkbox"/> $3/8$ is equal to $6/8$ .
<input type="checkbox"/> $3/3$ is equal to $10/10$ .	<input type="checkbox"/> $2/4$ is equal to $6/10$ .	<input type="checkbox"/> $6/6$ is equal to $1/3$ .

The animal with the most correct answers is **NOT** the animal your safari group is with.

Each mystery is designed to fit **your** specific classroom needs:

- **3- or 5-clue options** so you can go short and quick or extend the challenge.
- **Print or Digital (Google Slides)** so you can use them on paper or screens.

No matter your schedule, setup, or student level, you'll always have a version that works!

# Benefits of Math Mysteries:

- No prep required
- Print & digital versions included
- Fun, engaging, and standards-based learning activities
- Encourages critical thinking
- Easy to differentiate
- Perfect for review days, small groups, or partner work
- Mix & match clues for even more flexibility

### Clue #4: The Tent

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

<del>Area: 2 117 cm<sup>2</sup></del> ? 13 cm 9 cm C	10 in P: 26 in 3 in W	<del>P: 28 m</del> ? 13 m E	Area: 84 cm <sup>2</sup> 7 cm 7 cm ? 12 cm A	<del>P: 44 cm</del> ? 15 cm D
? 9 m 7 m P: 32 m T	<del>P: 14 ft</del> 5 ft 7 ft B	? 4 cm 8 cm ? 32 cm <sup>2</sup> E	? 7 ft P: 36 ft 11 ft N	5 cm Area: 40 cm <sup>2</sup> ? 8 cm R

Cross out the following answers:  
**13 m, 7 ft, 15 cm, 13 cm, 2 ft**  
Which letters are left? Write them on the line.

Another camper tells you that your friend is near water.



Ideas for use: whole group lessons, small group instruction, partner or table groups, or even sub days.

# Why Teachers Love These (and Why You Will Too!)

Fourth Grade Math Mysteries aren't just engaging; they're practical!

You'll save hours of planning time while giving your students activities they'll beg to do.

With this huge bundle, you're getting:

- 30 unique math mysteries
- 60 matching add/subtract & multiply/divide mysteries
- Multiple formats (print & digital, 3- or 5-clue options)
- Built-in differentiation for every learner
- Fast finisher activities, certificates, and answer keys
- That's 90 ready-to-use mysteries you can use all year!
- Individually, these mysteries would cost **\$180**—but you'll save big when you grab the complete bundle.

✓ Grab the 4th grade math bundle today and make math time something your class looks forward to!



# What Makes Math Mysteries Unique?

Math Mysteries aren't just a copy of Reading Mysteries! *They are completely different!*

- Brand-new clues
- A focus on math skills
- A different conclusion to solve

The only thing that stays the same is the fun suspect list.

If you own both, students can solve mysteries in both reading and math for double the engagement.

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.

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

$\frac{60}{100}$	$\frac{7}{10}$	$\frac{50}{100}$	$\frac{8}{10}$	$\frac{9}{10}$	$\frac{40}{100}$	$\frac{10}{100}$	$\frac{2}{10}$	$\frac{3}{10}$
$\frac{8}{10}$	$\frac{10}{100}$	$\frac{2}{10}$	$\frac{60}{100}$	$\frac{3}{10}$	$\frac{50}{100}$	$\frac{9}{10}$	$\frac{7}{10}$	$\frac{40}{100}$
$\frac{80}{100}$	$\frac{1}{10}$	$\frac{20}{100}$	$\frac{6}{10}$	$\frac{30}{100}$	$\frac{5}{10}$	$\frac{90}{100}$	$\frac{70}{100}$	$\frac{4}{10}$
: 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 =	