

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.

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

Name: _____

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

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.

Clue #3: Detective Report

Once upon a time, there were $2\frac{3}{4} + 1\frac{1}{2}$ fairies. The fairies went to the castle to give the princess $1\frac{5}{8} + 1\frac{3}{4}$ gifts. The first fairy waved her magic wand $4\frac{3}{4} + 3\frac{1}{2}$ times and gave the princess a beautiful dress. The next fairy waved her magic wand $3\frac{1}{2} + 2\frac{1}{4}$ 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.

$5\frac{5}{8} - 1\frac{1}{4}$ $4\frac{3}{8}$ X shout	$9\frac{7}{8} - 4\frac{1}{2}$ $5\frac{1}{4}$ X spot
$3\frac{1}{2} - 1\frac{1}{2}$ X	$6\frac{7}{8} - 2\frac{1}{2}$

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.

$1\frac{9}{12} + 4\frac{1}{2}$ 	$5\frac{5}{6} + 2\frac{2}{3}$ 	$3\frac{1}{5} + 4\frac{3}{10}$ 	$6\frac{8}{12} + 2\frac{3}{4}$
$6\frac{1}{4}$	$8\frac{1}{4}$	$7\frac{1}{2}$	$9\frac{1}{4}$
$3\frac{3}{4} + 3\frac{1}{12}$ 	$8\frac{7}{10} + 1\frac{2}{5}$ 	$4\frac{11}{12} + 2\frac{1}{3}$ 	$3\frac{1}{2} + 5\frac{4}{5}$
$6\frac{1}{3}$	$10\frac{1}{10}$	$7\frac{1}{4}$	$9\frac{3}{10}$

How many answers did each character get correct?

Cross out who got more answers correct. Now you should know who stole the missing wand!

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 tenth.

8.6	throw	4.2	somewhere	1.9	pool	3.5	the	9.2	hit	2.0	ball
5.7	trophy	6.7	catch	3					you		net
3.4	track	2.4	kick								

Answer: 3.496 → 3.5 Word: The
5.718 → 5.7 trophy
9.143 → 9.1 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.

24.8	24.758	24.76	9725	97.253	973
6.2	6.249	6	4.9	4.858	4.86
63.6	63.597	63.590	7	7.114	7.110
3	3.374	3.4	5.5	5.526	5.53

Clue #3: Detective Report
Round each number to the nearest whole number.

Best friends who competed to see who was the most athletic by joining over 2.951 months. For 0.522 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=1	J=10	S=19
B=2	K=11	T=20
C=3	L=12	U=21
D=4	M=13	V=22
E=5	N=14	W=23
F=6	O=15	X=24
G=7	P=16	Y=25
H=8	Q=17	Z=26
I=9	R=18	

THE LIFETIME LEARNER

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

30 Math Skills for 5th Grade

Every mystery focuses on a key 5th grade math skill—covering everything from advanced multiplication and division to fractions, decimals, geometry, and seasonal reviews.

Seasonal & Holidays

- School Mystery: Back to School Math Review
- Halloween Mystery: 5th Grade Math Review
- Thanksgiving Mystery: 5th Grade Math Review
- Christmas Mystery: 5th Grade Math Review
- Winter Mystery: 5th Grade Math Review
- Valentine's Day Mystery: 5th Grade Math Review
- Leprechaun Mystery: 5th Grade Math Review
- Easter Mystery: 5th Grade Math Review
- Spring Mystery: 5th Grade Math Review
- Summer Mystery: 5th Grade Math Review

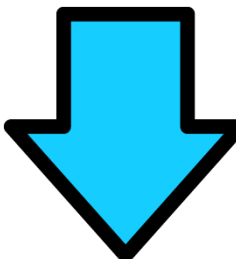
Every Day Fun

- Donut Mystery: Long Division: 4 Digit by 2 Digit
- Sports Mystery: Rounding Decimals
- Pet Shop Mystery: Order of Operations
- Video Game Mystery: Powers of 10
- Restaurant Mystery: Compare Decimals
- Theme Park Mystery: Multiply and Divide Decimals
- Under the Sea Mystery: 3 by 3 Digit Multiplication
- Zoo Mystery: Geometry
- Camping Mystery: Coordinate Graphing
- Mailman Mystery: Finding Volume
- Box Mystery: Measurement Conversions

High-Interest Adventures

- Pirate Mystery: Place Value / Value of 0
- Space Mystery: 2 by 3 Digit Multiplication
- Dinosaur Mystery: Add and Subtract Decimals
- Magic Mystery: Add and Subtract Mixed Numbers
- Missing Princess Mystery: 2 by 4 Digit Multiplication
- Race Car Mystery: Read and Write Decimals
- Rock Star Mystery: Multiplication as Scaling
- Safari Mystery: Divide Unit Fractions by Whole #s
- Travel Mystery: Multiply Fractions by Fractions

plus...

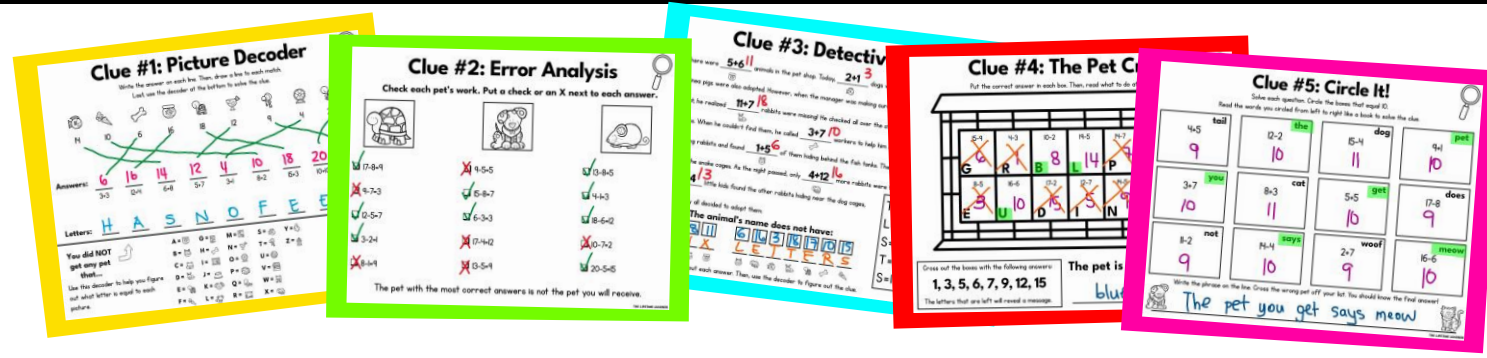


60 Math Fact Mysteries!

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 5th 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 5th grade math skill AND math facts) so you can easily differentiate for every student!

Every Mystery Comes in Multiple Formats

3 & 5 Clue Options

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: Find It!
Solve each question. Use the pictures to show your work. Circle the boxes with an answer is 24.
Read the words you circled from left to right like a book to solve the clue.

Clue #3: Detective Report
The Livingstone family was going on their very first safari and they were so excited to see $5\frac{1}{5}$ different animals. They went to Kenya and arrived at their safari jeep, which could hold $10\frac{1}{4}$ people. The safari began and the Livingstones immediately spotted $6\frac{1}{8}$ elephants in the distance. The safari guide saw $4\frac{1}{2}$ baby elephants with them. Later, everyone saw a pride made of $8\frac{1}{9}$ lions. The lions chased a group of $9\frac{1}{10}$ zebras, who barely escaped into the plains. At the watering hole, the safari group saw $7\frac{1}{2}$ tiger cubs drinking. The Livingstones had such an amazing safari, they couldn't wait to go on $8\frac{1}{5}$ more safaris in the future.

The animal is:
 $40\frac{48}{32}$ $25\frac{96}{48}$ $21\frac{40}{20}$
N O T B R O W N

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

Clue #4: The Safari Jeep
Put the correct answer in each box. 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.

$9\frac{1}{3} > 27$	$8\frac{1}{2} > 16$	$7\frac{1}{5} > 35$	$2\frac{1}{6} > 12$	$5\frac{1}{8} > 40$	$4\frac{1}{3} > 12$
$4\frac{1}{2} > 8$	$7\frac{1}{2} > 14$	$10\frac{1}{8} > 80$	$2\frac{1}{4} > 8$	$8\frac{1}{8} > 80$	$2\frac{1}{8} > 16$
$8\frac{1}{5} > 40$	$3\frac{1}{4} > 12$	$6\frac{1}{2} > 12$	$3\frac{1}{9} > 27$	$5\frac{1}{7} > 35$	$2\frac{1}{7} > 14$

Answer & Word:
 $2\frac{1}{4} > 8$ **not**
 $8\frac{1}{5} > 40$ **group**
 $4\frac{1}{3} > 12$ **is**

Answer & Word:
 $6\frac{1}{5} > 30$ **with**
 $10\frac{1}{8} > 80$ **an**
 $7\frac{1}{2} > 14$ **animal**

Answer & Word:
 $6\frac{1}{3} > 12$ **that**
 $7\frac{1}{2} > 14$ **is**
 $6\frac{1}{3} > 35$ **gray**

Print & Digital Forms

Clue #2: Find It!
Solve each question. Use the pictures to show your work. Circle the boxes with an answer is 24.
Read the words you circled from left to right like a book to solve the clue.

$2\frac{1}{12}$ the
 $3\frac{1}{5}$ crocodile
 $7\frac{1}{3}$ elephant
 $4\frac{1}{6}$ meerkat
 $5\frac{1}{4}$ giraffe
 $3\frac{1}{8}$ should
 $9\frac{1}{3}$ tail
 $6\frac{1}{5}$ fur
 $6\frac{1}{4}$ be
 $2\frac{1}{10}$ lion
 $8\frac{1}{3}$ eliminated

Write the phrase on the line. Cross the wrong animal(s) off.

The meerkat should be eliminated.

Clue #2: Find It!
Solve each question. Use the pictures to show your work. Circle the boxes with an answer is 24.
Read the words you circled from left to right like a book to solve the clue.

$2\frac{1}{12}$ the
 $3\frac{1}{5}$ crocodile
 $7\frac{1}{3}$ elephant
 $4\frac{1}{6}$ meerkat
 $5\frac{1}{4}$ giraffe
 $3\frac{1}{8}$ should
 $9\frac{1}{3}$ tail
 $6\frac{1}{5}$ fur
 $6\frac{1}{4}$ be
 $2\frac{1}{10}$ lion
 $8\frac{1}{3}$ eliminated
 $4\frac{1}{8}$ chimp

Write the phrase on the line. Cross the wrong animal(s) off your list.

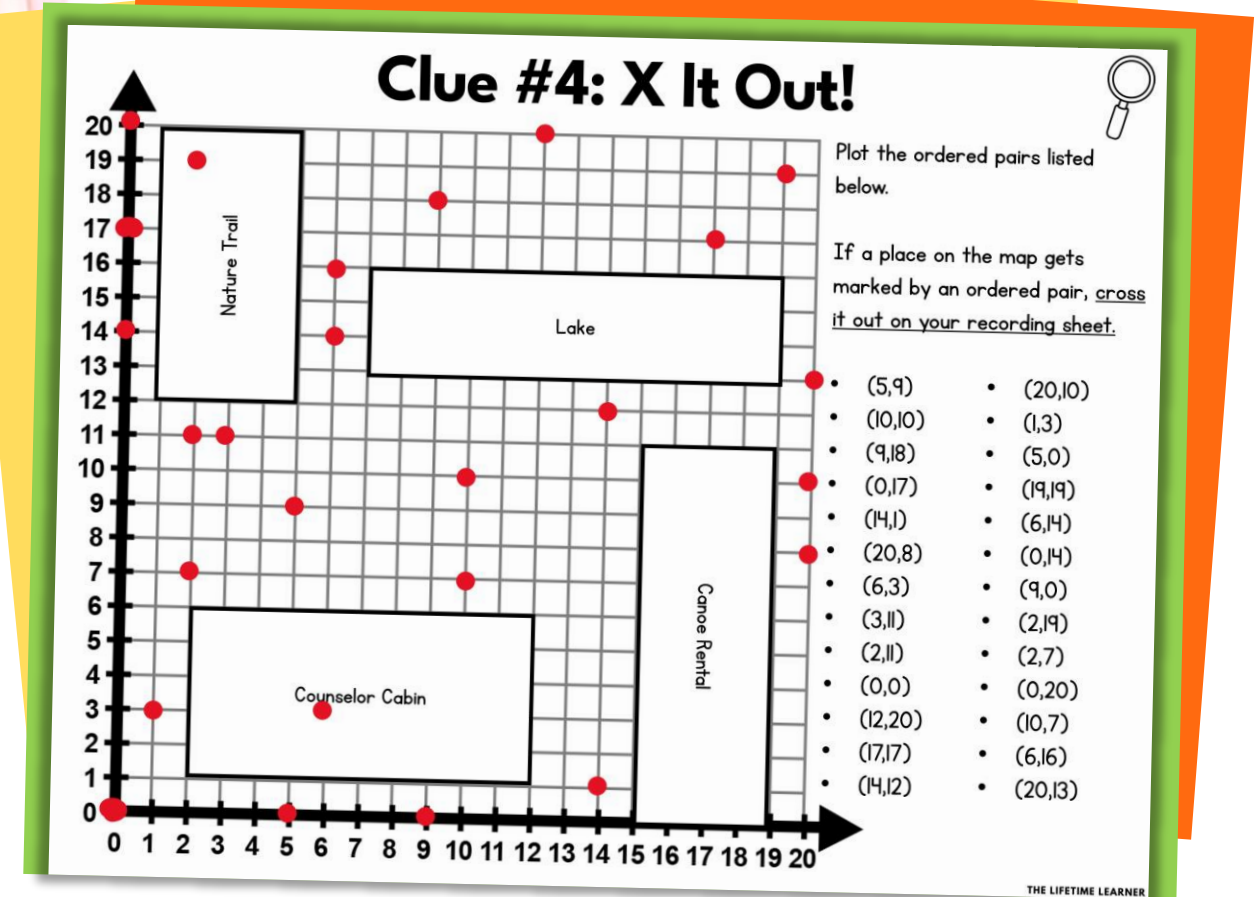
Each mystery is designed to fit **your** specific classroom needs:

- **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



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!)

Fifth 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 5th 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.

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.

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
	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

Math problems: 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

Decoder: The cotton candy is somewhere with: Use this decoder to help you figure out what letter is equal to each picture.

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