

WHAT IS THIS?



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

throw	somewhere	pool	the	hit	ball
4,670	4,850	4,210	4,570	4,630	4,400

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.

Clue #3: Detective Report
Round each number to the nearest 1000.

Ahmed and Mary were best friends who competed to see who was the most athletic by joining over 24,591 sports teams around town. For 58,422 month, Ahmed joined swimming, baseball, and football teams, and Mary

Clue #4: Stadium Seating
Round to the nearest ten thousand.

First, write what each number rounds to on each seat in the stadium. Then, read what to do in the box at the bottom.

44,990	45,001	55,217	42,050
40,000	50,000	60,000	40,000

Clue #5: Picture Decoder
Round each number. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

34,920	65,200	83,000	30,000	60,000	26,900	10,000	12,000	60,020	35,000	76,350

Write the answers on the lines.

34,920	65,200	83,000	30,000	60,000	26,900	10,000	12,000	60,020	35,000	76,350
Round to the nearest 10,000	Round to the nearest 1,000	Round to the nearest 100	Round to the nearest 100,000	Round to the nearest 100,000	Round to the nearest 100					

The letters that

L O T S O F W A T E R

Write the letters on the lines.

The missing trophy is located 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 =	

solve the mystery

The Case of the Missing Trophy

Where is the Trophy?
Solve the clues to figure out where the missing trophy is located.

Baseball Field	Football Field	Tennis Court	Swimming Pool
Track	Basketball Court	Volleyball Court	Soccer Field

Name: _____

Students complete a series of clues to figure out where the missing trophy is!

HOW TO PLAY



What Happened?

The 1st place trophy has been stolen! Rumor has it that it's somewhere on the school's campus. Help figure out where the trophy is. Solve the clues to figure out where the trophy is and solve the mystery!

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



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	a 4,180	is 4,740	you 4,680	net 4,190
track 4,860	kick 4,440	located 4,220	base 4,390	run 4,600	isn't 4,730

Answer: 4,568	Word: The	Answer: 4,215	Word: located	Answer: 4,444	Word: kick
Answer: 4,639	Word: trophy	Answer: 4,853	Word: somewhere	Answer: 4,181	Word: a
Answer: 4,732	Word: isn't	Answer: 4,677	Word: you	Answer: 4,395	Word: ball

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 column to figure out the clue.

Where is the Trophy?

Solve the clues to figure out where the missing trophy is located.

Baseball Field	Football Field	Tennis Court	Swimming Pool
Track	Basketball Court	Volleyball Court	Soccer Field

Name: _____

Each time students solve a clue, it will reveal what places to cross out.

When all clues are completed, the mystery of the missing trophy will be solved!

SKILL PRACTICE

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

throw	somewhere	pool	the	hit	ball
4,670	4,850	4,210	4,570	4,630	4,400
trophy	catch			you	net
4,640	4,450				
track	kick				
4,860	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 friends. For 58,000 month, Ahmed joined swimming, baseball, and football teams, and Mary were playing. Ahmed and Mary never had 25,000 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	

THE LIFETIME LEARNER

- Round to the Nearest 10
- Round to the Nearest 100
- Round to the Nearest 1,000
- Round to the Nearest 10,000
- Round to the Underlined Place
- Sports-Themed
- Error Analysis Practice

All clues focus on rounding to any place value!

MULTIPLE VERSIONS



Print & Digital Forms

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

Clue #2: Who Scored More?
Round each number to the underlined place value. Circle the player with the correct answer.

Clue #3: Detective Report
Round each number to the nearest 1000.

3 Clue Version

The trophy is not on:

A=84,000	C=58,400	F=75,600	H=75,000	I=75,600
E=84,000	G=75,600	J=24,590	K=36,900	L=75,600
M=57,000	N=24,590	O=45,000	P=24,600	Q=45,400
R=76,000	S=83,400	T=37,000	U=83,000	V=36,900
W=20,000	X=38,000	Y=36,890	Z=80,000	

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

Clue #2: Who Scored More?
Round each number to the underlined place value. Circle the player with the correct answer.

Clue #3: Detective Report
Round each number to the nearest 1000.

Clue #4: Stadium Seating
Round to the nearest ten thousand.

Clue #5: Picture Decoder
Round each number. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

5 Clue Version

The missing trophy is located somewhere with:

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=
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Clue #5: Picture Decoder
Round each number. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Write the answers on the lines.

The missing trophy is located somewhere with:

Use this decoder to help you figure out what letter is equal to each 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=
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Short & Long Options

2 MATH FACT OPTIONS!



Where is the Trophy?

Solve the clues to figure out where the missing trophy is located.

Baseball Field	Football Field	Tennis Court	Swimming Pool
Track	Basketball Court	Volleyball Court	Soccer Field

Name: _____

Clue #1: Fill in the Blank

Add to find each answer.

throw	somewhere	8	pool	15	the	18	hit	9
1	11							
trophy	5	13	a	12	is	7	you	14
16								
track	6	17	located	3	base	2	run	4
10								

Answer: Word: $14+3$ $3+3$
 $7+8$ $10+6$ $3+1$ $1+10$ $5+8$

Clue #2: Who Scored More?

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.

5	13-8	6	13	20-9	11
4	7-2	5	5	9-4	4
11	16-5	12	3	10-7	4

Clue #3: Detective Report

Ahmed and Mary were best friends who competed to see who was the most athletic by joining over $2+1$ sports teams around town. For $0+1$ month, Ahmed joined swimming, baseball, and football teams, and Mary took up lacrosse, basketball, and softball. But between all the sports they were playing, Ahmed and Mary never had to any of the other person's $14+4$ sports games. Mary eventually decided to only play basketball, which she loved $13+7$ times more than lacrosse and softball. Ahmed agreed and only stayed on the football team, which he loved $16+5$ times more than the others. Ahmed and Mary were finally able to go to each other's and cheer one another on, happier to play one sport they loved than 6 sports they didn't.

The trophy is not on:

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
	O=15	X=24
	P=16	Y=25
	Q=17	Z=26
	R=18	

Clue #4: Stadium Seating

First, write the answer on each seat in the stadium. Then, read what to do in the box at the bottom.

$16 \div 8$	$24 \div 3$	$42 \div 7$	$50 \div 10$
S	B	W	I
$15 \div 5$	$6 \div 6$	$56 \div 8$	$70 \div 7$
A	M	C	L
$63 \div 7$	$36 \div 9$	$20 \div 4$	$28 \div 4$
A	L	P	E

Cross out the boxes with these answers:
 2 1 5
 6 7 9

The location the trophy is hidden does not require you to use a: _____

Clue #5: Picture Decoder

Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Write the answers on the lines.

Write the letters on the lines.

The missing trophy is located 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 =	

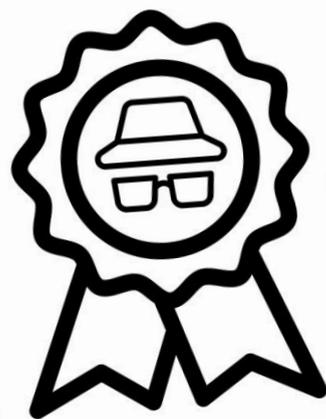
Same clues. Same mystery. Different math!

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!

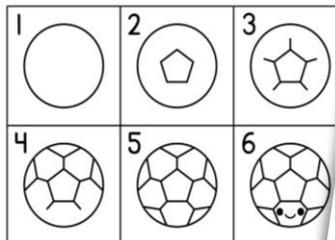
11/2
Date

AW
Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

a soccer ball



THE LIFETIME LEARNER

LET'S DRAW...
volleyball



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: Stadium Seating 

Round to the nearest ten thousand.
First, write what each number rounds to on each seat in the stadium. Then, read what to do in the box at the bottom.

44,990 40,000 S	45,001 50,000 B	55,217 60,000 W	42,050 40,000 I
54,999 50,000 A	44,785 40,000 M	55,001 60,000 C	52,761 50,000 L
43,892 40,000 A	49,013 50,000 L	57,342 60,000 P	40,449 40,000 E

Cross out the boxes that do not round to:
50,000
The letters that are left will reveal a message.

The location the trophy is hidden does not require you to use a:
Ball

THE LIFETIME LEARNER

In 4th 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: 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	catch	a	is	you	net

Clue #2: Who Scored More?
Find ten more or ten less. 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.

Clue #3: Detective Report
Ahmed and Mary were best friends who competed to see who was the most athletic by joining over $39+10$ sports teams around town. For $28-10$ months, Ahmed joined swimming, baseball, and football teams, and Mary

Clue #4: Stadium Seating
First, write the answer on each seat in the stadium. Then, read what to do in the box at the bottom.

Clue #5: Picture Decoder
Round each number. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

34,920	65,200	83,000	30,000	60,000	26,900	10,000	12,000	60,120	35,000	76,350
76,000	34,920	60,000	65,200	10,000	83,000	35,000	76,350	26,900	12,000	60,120

Write the answers on the lines.

Write the letters on the lines.

The missing trophy is located 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 Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

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

LET'S DRAW...
a soccer ball

LET'S DRAW...
volleyball

Where is the Trophy?
Solve the clues to figure out where the missing trophy is located.

Baseball Field	Football Field	Tennis Court	Swimming Pool
Track	Basketball Court	Volleyball Court	Soccer Field

Name:

solve the mystery

The Case of the Missing Trophy

WHAT MAKES MATH MYSTERIES UNIQUE?

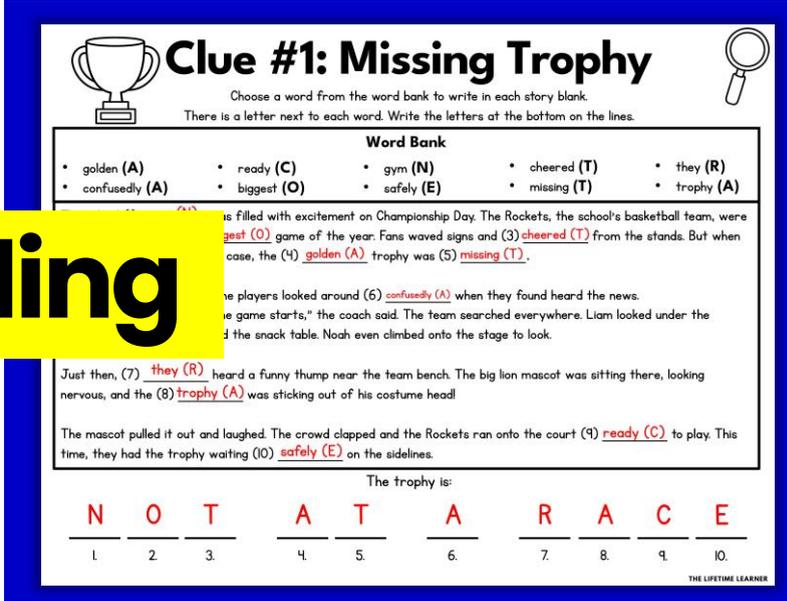
Math Mysteries aren't just a copy of Reading Mysteries!

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: Missing Trophy
Choose a word from the word bank to write in each story blank.
There is a letter next to each word. Write the letters at the bottom on the lines.

Word Bank

- golden (A)
- ready (C)
- gym (N)
- cheered (T)
- they (R)
- confusedly (A)
- biggest (O)
- safely (E)
- missing (T)
- trophy (A)

The trophy was filled with excitement on Championship Day. The Rockets, the school's basketball team, were in their biggest (O) game of the year. Fans waved signs and (3) cheered (T) from the stands. But when the game started, the (4) golden (A) trophy was (5) missing (T). The players looked around (6) confusedly (A) when they found heard the news. "The game starts," the coach said. The team searched everywhere. Liam looked under the table and the (7) they (R) found the trophy. Noah even climbed onto the stage to look.

Just then, (7) they (R) heard a funny thump near the team bench. The big lion mascot was sitting there, looking nervous, and the (8) trophy (A) was sticking out of his costume head.

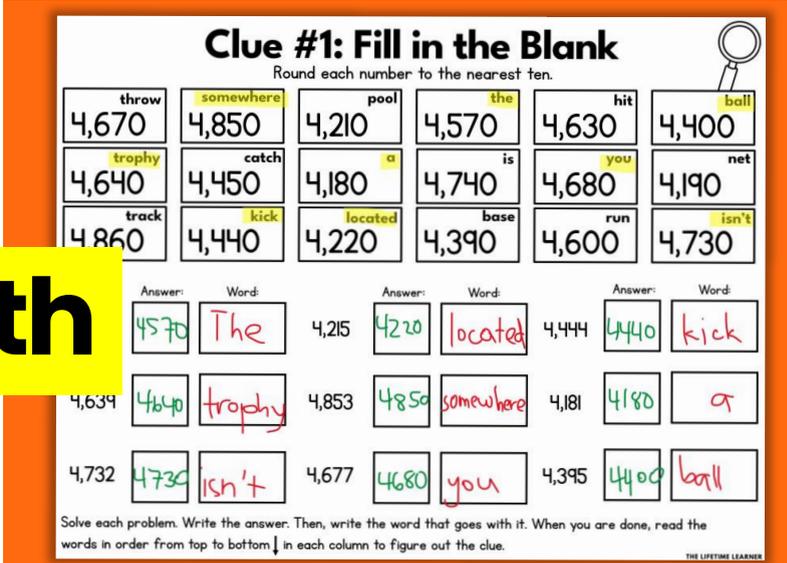
The mascot pulled it out and laughed. The crowd clapped and the Rockets ran onto the court (9) ready (C) to play. This time, they had the trophy waiting (10) safely (E) on the sidelines.

The trophy is:

N	O	T	A	T	A	R	A	C	E
1	2	3	4	5	6	7	8	9	10

Example of Clue 1

Math



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	a 4,180	is 4,740	you 4,680	net 4,190
track 4,860	kick 4,440	located 4,220	base 4,390	run 4,600	isn't 4,730

Answer: Word: 4,570 The 4,215 4,220 located 4,444 4,440 kick
4,639 4,640 trophy 4,853 4,850 somewhere 4,181 4,180 a
4,732 4,730 isn't 4,677 4,680 you 4,395 4,400 ball

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 column to figure out the clue.

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!**

