

# WHAT IS THIS?



**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 |
|-----|-------|-----|-----------|-----|------|-----|-----|-----|-----|-----|------|

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

|     |     |      |      |      |
|-----|-----|------|------|------|
| 5.7 | 3.4 | 3.49 | 5.78 | 9.13 |
|-----|-----|------|------|------|

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

Ahmed and Mary were best friends who competed to see who was the most athletic by joining over 2.951 sports teams around town. For 0.522 month, Ahmed joined swimming, baseball, and football teams, and Mary

**Clue #4: Stadium Seating**  
Round to the nearest hundredth.

|                 |        |                  |                  |
|-----------------|--------|------------------|------------------|
| 12.685          | 45.702 | 23.524           | 83.401           |
| <del>12.6</del> | 45.70  | <del>23.52</del> | <del>83.40</del> |

**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.

|     |      |     |    |     |    |    |    |     |     |    |
|-----|------|-----|----|-----|----|----|----|-----|-----|----|
| 349 | 4245 | 129 | 13 | 754 | 71 | 57 | 19 | 424 | 872 | 35 |
|-----|------|-----|----|-----|----|----|----|-----|-----|----|

Write the answers on the lines.

|    |     |    |       |    |      |       |    |      |    |      |
|----|-----|----|-------|----|------|-------|----|------|----|------|
| 13 | 349 | 24 | 42.45 | 59 | 12.9 | 18.72 | 35 | 75.4 | 19 | 42.4 |
|----|-----|----|-------|----|------|-------|----|------|----|------|

The letters that

**L O T S O F W A T E R**

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 1<sup>st</sup> 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 tenth.

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 8.6 | 4.2 | 1.9 | 3.5 | 9.2 | 2.0 |
| 5.7 | 6.7 | 3.3 | 5.8 | 8.7 | 2.5 |
| 3.4 | 2.4 | 6.8 | 3.2 | 4.3 | 9.1 |

|             |           |             |               |             |            |
|-------------|-----------|-------------|---------------|-------------|------------|
| Answer: 3.5 | Word: The | Answer: 6.8 | Word: located | Answer: 2.4 | Word: kick |
| 5.7         | trophy    | 4.2         | somewhere     | 3.3         | a          |
| 9.1         | isn't     | 8.7         | you           | 2           | 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.

|                           |                             |                             |                         |
|---------------------------|-----------------------------|-----------------------------|-------------------------|
| <del>Baseball Field</del> | <del>Football Field</del>   | <del>Tennis Court</del>     | Swimming Pool           |
| <del>Track</del>          | <del>Basketball Court</del> | <del>Volleyball Court</del> | <del>Soccer Field</del> |

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 tenth.

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 8.6 | 4.2 | 1.9 | 3.5 | 9.2 | 2.0 |
| 5.7 | 6.7 |     |     |     |     |
| 3.4 | 2.4 |     |     |     |     |

Answer:      Word:  
3.496    3.5    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.

|      |                 |       |       |                 |       |
|------|-----------------|-------|-------|-----------------|-------|
| 248  | 24.7 <u>5</u> 8 | 24.76 | 97.25 | 97. <u>2</u> 53 | 97.3  |
| 6.2  | 6.2 <u>4</u> 9  | 6     | 4.9   | 4.8 <u>5</u> 8  | 4.86  |
| 63.6 | 63.5 <u>9</u> 7 | 63590 | 7     | 7. <u>1</u> 14  | 7.110 |
| 3    | <u>3</u> .374   | 34    | 5.5   | 5. <u>5</u> 26  | 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

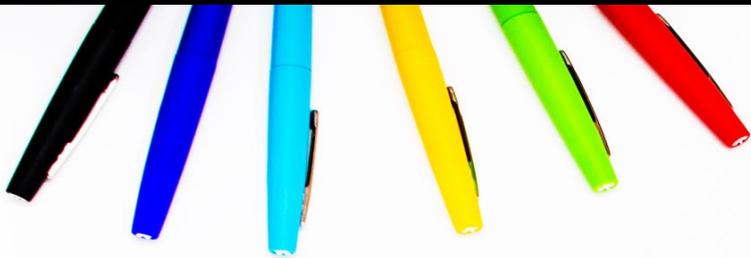
|     |      |      |
|-----|------|------|
| A=1 | J=10 | S=19 |
| B=2 | K=11 | T=20 |
| C=3 | L=12 | U=21 |
| D=4 | M=13 | V=22 |
| E=5 | N=14 | W=23 |
| F=6 | O=15 | X=24 |
| G=7 | P=16 | Y=25 |
| H=8 | Q=17 | Z=26 |
| I=9 | R=18 |      |

THE LIFETIME LEARNER

- Round to the Nearest Whole Number
- Round Decimals
- Round to the Nearest Tenth
- Round to the Nearest Hundredth
- Sports-Themed
- Error Analysis Practice

**All clues focus on reviewing rounding decimals!**

# MULTIPLE VERSIONS



Print & Digital Forms

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

**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 whole number.

**3 Clue Version**

The trophy is not on:  
A C O U R T

Solve each question. Write the answer above each equation. Then, use the decoder to figure out the message.

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

**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 whole number.

**Clue #4: Stadium Seating**  
Round to the nearest hundredth.

**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 = [baseball] H = [hockey] N = [netball] T = [tennis] Z = [zoo]  
C = [curling] I = [ice hockey] O = [olympics] U = [ultimate frisbee]  
D = [disc golf] J = [judo] P = [pickleball] V = [volleyball]  
E = [equestrian] K = [kayaking] Q = [quidditch] W = [wrestling]  
F = [figure skating] L = [luge] R = [rugby] X = [x-games]

**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.

13 349 24 42.45 59 12.9 18.72 35 75.4 19 42.4

Write the letters on the lines.

L O T S O F W A

The missing trophy is located somewhere with:

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

**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.

13 349 24 42.45 59 12.9 18.72 35 75.4 19 42.4

Write the letters on the lines.

L O T S O F W A

The missing trophy is located somewhere with:

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

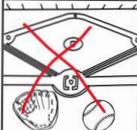
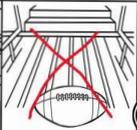
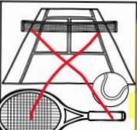
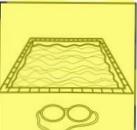
Short & Long Options

# 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 | catch     | 5 | 13   | a       | 12  | is   | 7   | you |
| 16     |           |   |      |         |     |      |     | 14  |
| track  | kick      | 6 | 17   | located | 3   | base | 2   | run |
| 10     |           |   |      |         |     |      |     | 4   |

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

### 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 joined 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.

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
| 5  | 80   | 21   | 9  | 8  | 10   | 54   |

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 =  |   |

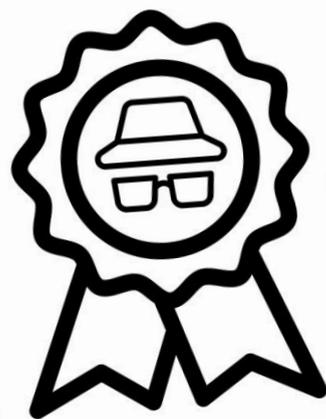
Same clues. Same mystery. Different math!

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!

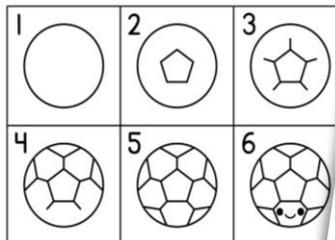
11/2  
Date

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

|                                 |                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 12.685<br><del>12.68</del><br>S | 45.702<br>45.70<br>B            | 23.524<br><del>23.52</del><br>W | 83.401<br><del>83.40</del><br>I |
| 39.594<br>39.59<br>A            | 75.948<br><del>75.95</del><br>M | 11.243<br><del>11.24</del><br>C | 58.353<br>58.35<br>L            |
| 13.044<br><del>13.04</del><br>A | 49.217<br>49.22<br>L            | 95.399<br><del>95.40</del><br>P | 30.852<br><del>30.85</del><br>E |

Cross out the boxes with the following answers:  
• 11.24 • 12.69 • 75.95  
• 23.52 • 83.4 • 13.04  
• 95.4 • 30.85  
The letters that are left will reveal a message.

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

THE LIFETIME LEARNER

In 5<sup>th</sup> 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 tenth.

|     |        |           |     |      |     |     |     |     |     |      |
|-----|--------|-----------|-----|------|-----|-----|-----|-----|-----|------|
| 8.6 | throw  | somewhere | 4.2 | pool | 3.5 | the | 9.2 | hit | 2.0 | ball |
|     | trophy | catch     |     | a    |     | is  |     | you |     | net  |

**Clue #2: Who Scored More?**  
Find ten more or ten less. Circle the player with the correct answer.

**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.

|     |      |     |    |     |    |    |    |     |     |    |
|-----|------|-----|----|-----|----|----|----|-----|-----|----|
| 349 | 4245 | 124 | 13 | 754 | 74 | 57 | 19 | 424 | 872 | 35 |
|-----|------|-----|----|-----|----|----|----|-----|-----|----|

Write the answers on the lines.

|    |     |    |       |    |      |       |    |      |    |      |
|----|-----|----|-------|----|------|-------|----|------|----|------|
| 13 | 349 | 24 | 42.45 | 57 | 12.9 | 18.72 | 35 | 75.4 | 19 | 42.4 |
|----|-----|----|-------|----|------|-------|----|------|----|------|

Write the letters on the lines.

L O T S O F W A T E R

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?

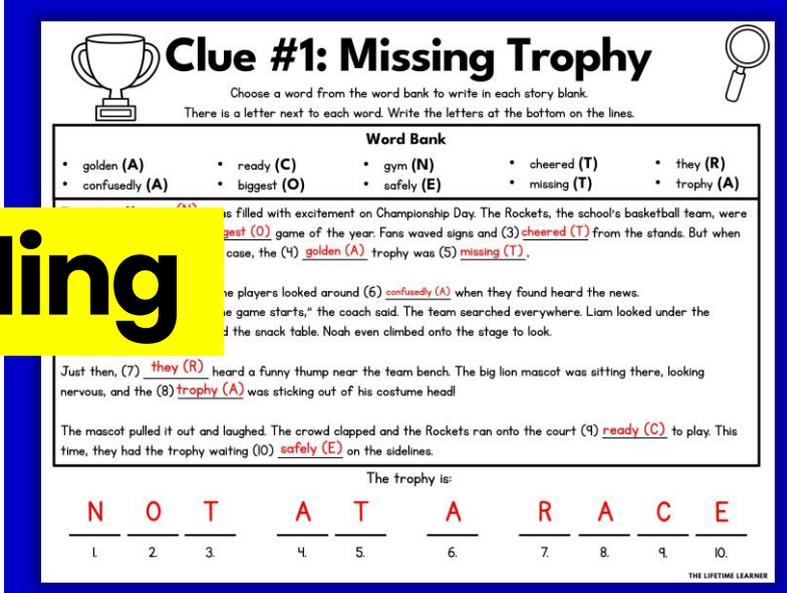
Math Mysteries aren't just a copy of Reading Mysteries!

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)

...is filled with excitement on Championship Day. The Rockets, the school's basketball team, were greatest (O) game of the year. Fans waved signs and (3) cheered (T) from the stands. But when case, 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.

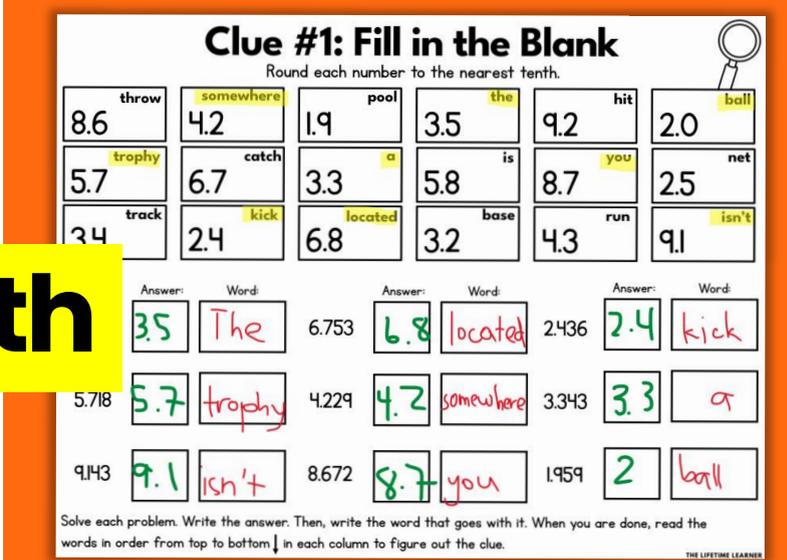
The trophy is:

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

THE LIFETIME LEARNER

Example of Clue 1

Math



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

|        |           |         |      |     |       |
|--------|-----------|---------|------|-----|-------|
| throw  | somewhere | pool    | the  | hit | ball  |
| 8.6    | 4.2       | 1.9     | 3.5  | 9.2 | 2.0   |
| trophy | catch     | a       | is   | you | net   |
| 5.7    | 6.7       | 3.3     | 5.8  | 8.7 | 2.5   |
| track  | kick      | located | base | run | isn't |
| 3.4    | 2.4       | 6.8     | 3.2  | 4.3 | 9.1   |

Answer: Word: 3.5 The 6.753 6.8 located 2.436 2.4 kick

5.718 5.7 trophy 4.229 4.2 somewhere 3.343 3.3 a

9.143 9.1 isn't 8.672 8.7 you 1.959 2 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.

THE LIFETIME LEARNER

# 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!**

