

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: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

Clue #3: Fill in the Blank

Clue #4: The Box
Put the correct answer in each box.
Then, read what to do at the bottom.

Clue 5: Which Has Less?
Circle each correct answer. Which food item has less correct answers?
The item with less correct answers should be crossed out on your recording sheet.

16	2 gallons = 24 pints	4	80 cups = 5 gallons
25	5 quarts = 20 cups	48	3 gallons = 40 cups
9	3 pints = 6 cups	12	6 quarts = 18 pints
4	16 quarts = 8 gallons	1	8 pints = 2 gallons

solve the mystery

The Case of the Mysterious Package

What's in the Box?
Figure out what's in the mystery box by solving each clue.

Fried Chicken	Flowers	Basketball	Video Game
Dog	Books	Robot Game	A Taco

Name: _____

Students complete a series of clues to figure out what's in the mystery box!

HOW TO PLAY

What Happened?

This morning, a mysterious box arrived on your doorstep. You don't know what's inside, but it's up to you to figure it out by completing a set of clues.

1. Take a list of mystery items and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering what is inside the mystery box.
3. Cross out wrong boxes 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.

1,000 cm	180 sec.	120 min.	8 yds.	8,000 m	10,000 ml	8 lbs.	8,000 g

Answers: 8000 m 1000 cm 8000g 180 sec 10,000 ml 120 min 8 lbs 8 yds.

8 km 10 m 8 kg 3 min. 10 L 2 hr. 128 oz. 24 ft.

Letters: N O T R O U N D

The item in the box is...



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 LIFETIME LEARNER

What's in the Box?

Figure out what's in the mystery box by solving each clue.

			
Fried Chicken	Flowers	Basketball	Video Game
Dog	Books	Robot Game	A Taco

Name: _____

THE LIFETIME LEARNER

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

When all clues are completed, the mystery 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.

1,000 cm 180 sec. 120 min.

Answers: 8000 m 1000 cm
8 km 10 m

Letters: N O

The item in the box is...
Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

4 km = _____ m A. 4,000 B. 400 C. 40 D. 1,000	6 m = _____ cm A. 100 B. 6,000 C. 600 D. 60	80 kg = _____ g A. 800 B. 80,000 C. 8,000 D. 80	9 L = _____ mL A. 1,000 B. 90 C. 900 D. 9,000
3 lbs. = _____ oz. A. 12 B. 48 C. 36 D. 54	2 ft = _____ in. A. 20 B. 30 C. 16 D. 24	5 yds. = _____ ft. A. 10 B. 30 C. 15 D. 20	10 min. = _____ sec. A. 1,000 B. 600 C. 60 D. 100

Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

How many As did you circle? 1 A = The box 2 As = A taco 3 As = The chicken 4 As = The robot	How many Bs did you circle? 1 B = has no 2 Bs = is not 3 Bs = does not 4 Bs = isn't in	How many Cs did you circle? 1 C = inside 2 Cs = have a 3 Cs = the 4 Cs = not a	How many Ds did you circle? 1 D = flowers 2 Ds = game 3 Ds = books 4 Ds = dog
---	--	--	---

Clue #3: Fill in the Blank

_____ box	50 _____ any	1,000 _____ the	12 _____ make	10,000 _____ flowers
isn't	24 _____ books	_____ noise	70 _____ read	16 _____ does
			1,000 _____ the	8 _____ have

Answer: Word:
1 yd. = _____ ft. 3 not
1 ft. = _____ in. 12 make
1 min. = _____ sec. 60 noise

When you are done, read the

THE LIFETIME LEARNER

- Convert Measurements
- Mystery-Themed
- Error Analysis Practice

All clues focus on reviewing converting measurements!

MULTIPLE VERSIONS

Print & Digital Forms

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: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

Clue #3: Fill in the Blank

2,000	10	50	1,000	12	10,000
1	18	24	60	70	16
3					

Answers:
1 km = 1000 m
1 m = 100 cm
1,000 mL = 1 L
1 lb. = 16 oz.
1 min. = 60 sec.

Word: not
make

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, 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: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

Clue #3: Fill in the Blank

Clue #4: The Box

Clue 5: Which Has Less?
Circle each correct answer. Which food item has less correct answers? The item with less correct answers should be crossed out on your recording sheet.

16	2 gallons =	24	1	4	80 cups =	5
25						
9						
4	16 quarts =	8	1	8 pints =	2	

Answers:
1 A = The box
2 As = A taco
3 As = The chicken
4 As = The robot

1 B = has no
2 Bs = is not
3 Bs = does not
4 Bs = isn't in

1 C = inside
2 Cs = have a
3 Cs = the
4 Cs = not a

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

4 km = <u>4,000</u> m	6 m = <u>6,000</u> cm	80 kg = <u>80,000</u> g	9 L = <u>9,000</u> mL
A. 4,000 B. 400 C. 40 D. 1,000	A. 100 B. 6,000 C. 600 D. 60	A. 800 B. 80,000 C. 8,000 D. 80	A. 1,000 B. 90 C. 900 D. 9,000

Circle how many you chose in each box below. Then, read the phrase to

How many As did you circle? 1 A = The box 2 As = A taco 3 As = The chicken 4 As = The robot	How many Bs did you circle? 1 B = has no 2 Bs = is not 3 Bs = does not 4 Bs = isn't in	How many Cs did you circle? 1 C = inside 2 Cs = have a 3 Cs = the 4 Cs = not a
---	--	--

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

4 km = <u>4,000</u> m	6 m = <u>6,000</u> cm	80 kg = <u>80,000</u> g	9 L = <u>9,000</u> mL
A. 4,000 B. 400 C. 40 D. 1,000	A. 100 B. 6,000 C. 600 D. 60	A. 800 B. 80,000 C. 8,000 D. 80	A. 1,000 B. 90 C. 900 D. 9,000

Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

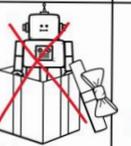
How many As did you circle? 1 A = The box 2 As = A taco 3 As = The chicken 4 As = The robot	How many Bs did you circle? 1 B = has no 2 Bs = is not 3 Bs = does not 4 Bs = isn't in	How many Cs did you circle? 1 C = inside 2 Cs = have a 3 Cs = the 4 Cs = not a	How many Ds did you circle? 1 D = flowers 2 Ds = game 3 Ds = books 4 Ds = dog
---	--	--	---

Short & Long Options

2 MATH FACT OPTIONS!

What's in the Box?

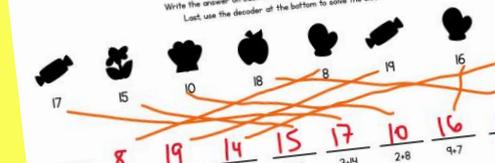
Figure out what's in the mystery box by solving each clue.

 Fried Chicken	 Flowers	 Basketball	 Video Game
 Dog	 Books	 Robot Game	 A Taco

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: 8 19 14 15 17 10 16

Letters: N O I R O Y N

Clue #2: Multiple Choice

Solve each question. Circle the right answer. Then read the bottom.

$15-6$ A. 9 B. 10 C. 11 D. 12	$20-8$ A. 14 B. 13 C. 7 D. 11	$9-3$ A. 5 B. 6 C. 7 D. 8	$5-1$ A. 1 B. 2 C. 3 D. 4
$12-9$ A. 2 B. 3 C. 4 D. 5	$7-2$ A. 1 B. 3 C. 4 D. 5	$11-4$ A. 5 B. 6 C. 7 D. 8	$18-8$ A. 9 B. 10 C. 8

Clue #4: The Box

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

$84 \div 7$ B X 12	$30 \div 10$ F 3	$45 \div 5$ O 9
$120 \div 12$ L X 10	$16 \div 4$ O 4	$64 \div 8$ W X 8
$55 \div 11$ E X 5	$18 \div 9$ K X 2	$42 \div 6$ D 7

Cross out the letters with the following answers:
2, 5, 8, 10, 12

Which letters are not crossed out? Write them on the line.

The item in the box is a FOOD

Clue #3: Fill in the Blank

2 chicken 20 less 5 any 19 the 16 make 4 flowers
3 inside 10 books 7 base 18 read 15 dog
9 a 14 item 2 robot 17 the 11 have

Answer: Word
19 The
14 item

Answer: Word
8+9 17 the
15+5 20 box

Answer: Word
1+7 8 not
6+10 16 make
7 noise

Clue 5: Which Has Less?

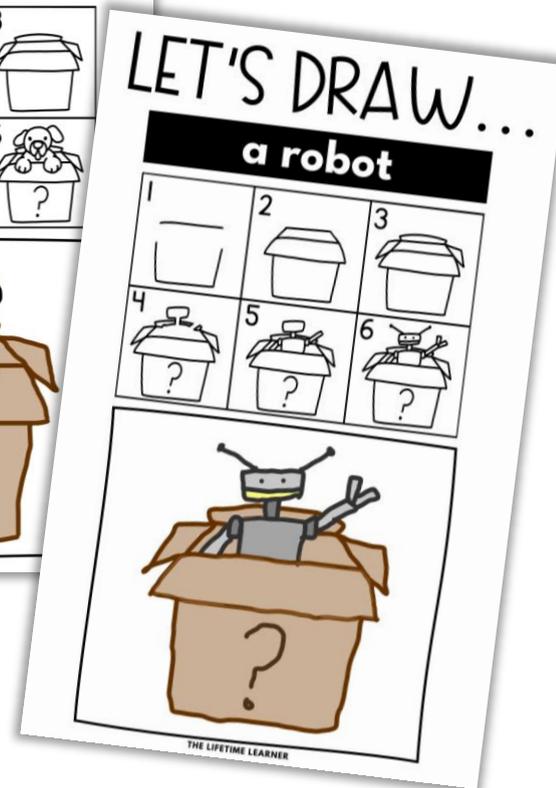
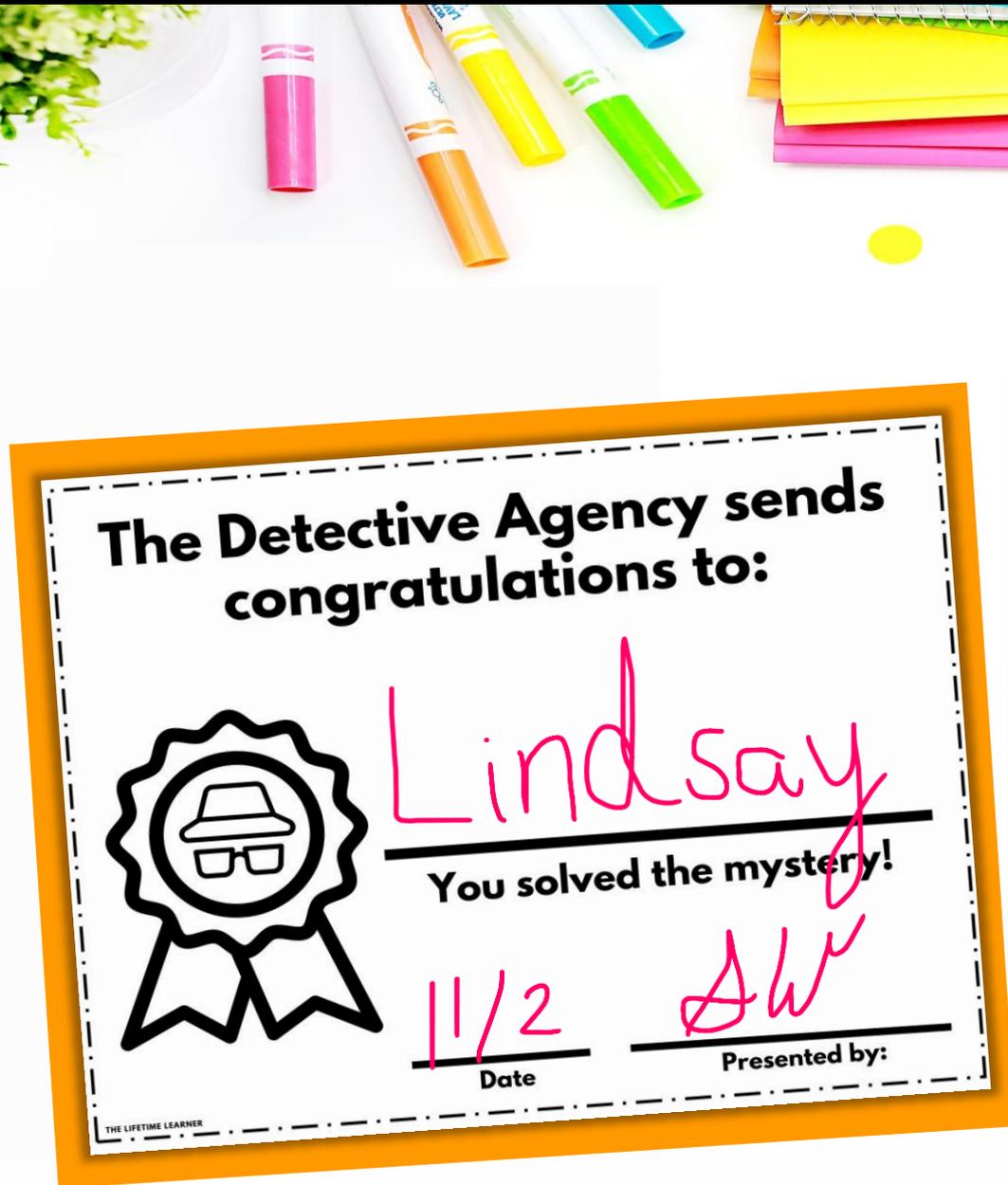
Circle each correct answer. Which food item has less correct answers? The item with less correct answers should be crossed out on your recording sheet.

6 $35 \div 7$	<u>5</u> 121	11×11	132
<u>20</u> 2×10	22	<u>8</u> $24 \div 3$	9
<u>12</u> $96 \div 8$	10	36	9×5 <u>45</u>
<u>110</u> 12×9	<u>108</u>	<u>9</u> $54 \div 6$	10

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



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 Box 

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

How many grams are in 9 kilograms? B 9,000	How many feet are in 5 yards? F 15	How many inches are in 7 feet? O 84
How many ounces are in 8 pounds? L 128	How many grams are in 12 kilograms? O 12,000	How many feet are in 6 yards? W 18
How many inches are in 3 feet? E 36	How many minutes are in 7 hours? K 420	How many ounces are in 5 pounds? D 80

Cross out the letters with the following answers:
18, 36, 128, 420, 9000
Which letters are not crossed out? Write them on the line.

The item in the box is a FOOD

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: 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: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

$4 \text{ km} = \underline{\quad} \text{ m}$	$6 \text{ m} = \underline{\quad} \text{ cm}$	$80 \text{ kg} = \underline{\quad} \text{ g}$	$9 \text{ L} = \underline{\quad} \text{ mL}$
A. 4,000	A. 100	A. 800	A. 1,000

Clue #3: Fill in the Blank
Put the correct answer in each box.

33 chickens	77 <u>box</u>	18 any	21 <u>the</u>	4 <u>make</u>	22 flowers
-------------	---------------	--------	---------------	---------------	------------

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

Clue 5: Which Has Less?
Circle each correct answer. Which food item has less correct answers?
The item with less correct answers should be crossed out on your recording sheet.

16 2 gallons = <u>24</u> pints	4 80 cups = <u>5</u> gallons
25 5 quarts = <u>20</u> cups	48 3 gallons = <u>40</u> cups
9 3 pints = <u>6</u> cups	12 6 quarts = <u>18</u> pints
4 16 quarts = <u>8</u> gallons	1 8 pints = <u>2</u> gallons

The Detective Agency sends congratulations to:

Lindsay
You solved the mystery!

11/2 Date AW Presented by:

LET'S DRAW...
a puppy

1	2	3
4	5	6

LET'S DRAW...
a robot

1	2	3
4	5	6

What's in the Box?
Figure out what's in the mystery box by solving each clue.

Fried Chicken	Flowers	Basketball	Video Game
Dog	Books	Robot Game	A Taco

Name: _____

solve the mystery

The Case of the Mysterious Package

WHAT MAKES MATH MYSTERIES UNIQUE?

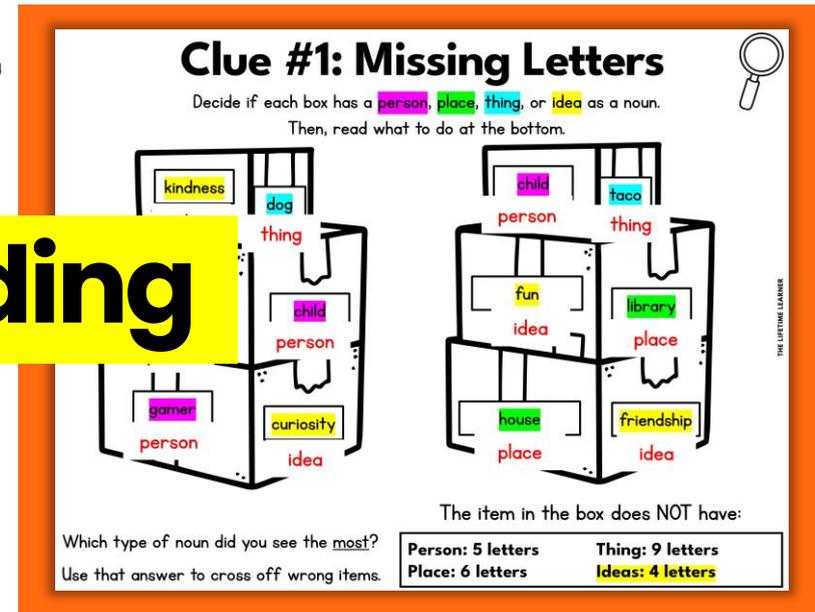
Math Mysteries aren't just a copy of Reading Mysteries!

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



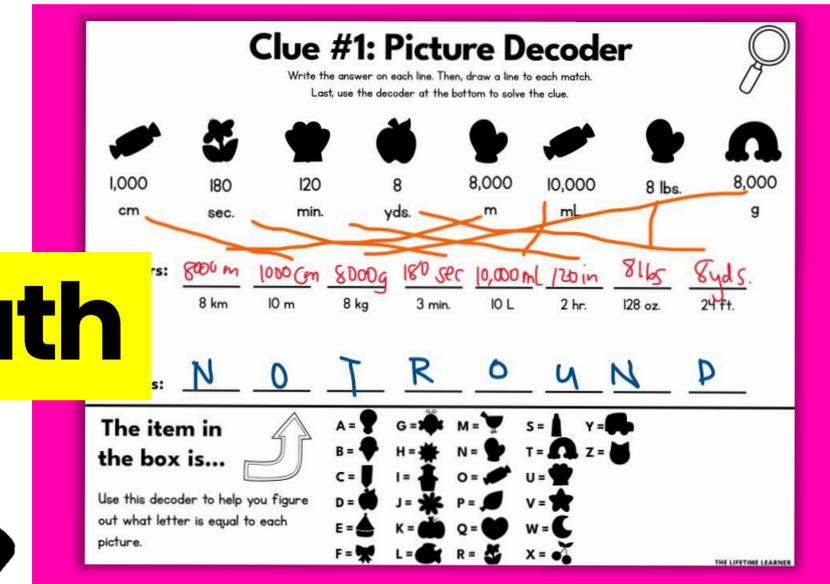
Clue #1: Missing Letters
Decide if each box has a **person**, **place**, **thing**, or **idea** as a noun.
Then, read what to do at the bottom.

Which type of noun did you see the most?
Use that answer to cross off wrong items.

Person: 5 letters	Thing: 9 letters
Place: 6 letters	Ideas: 4 letters

Example of Clue 1

Math



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.

1,000 cm 180 sec. 120 min. 8 yds. 8,000 m 10,000 ml 8 lbs. 8,000 g

8 km 10 m 8 kg 3 min. 10 L 2 hr. 128 oz. 24 ft.

8,000 m 1000 cm 8,000 g 180 sec 10,000 ml 120 in 8 lbs 8 yds.

s: N O T R O U N D

The item in the box is...

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!

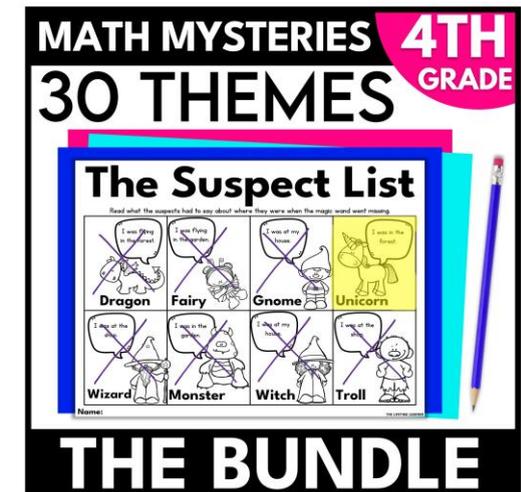


MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



BUY A BUNDLE
TO **SAVE BIG!**



THE BUNDLE