

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: Color the Race Track
Solve each question. Circle the right answer and color in the picture. Then read the bottom.

Clue #3: Right or Wrong?
Is the addition equation in the box written correctly? Color the flag green if the answer is correct. Color the flag red if it's wrong.

Clue #4: Red Light Green Light
Put the correct answer in each circle. Then, read what to do at the bottom.

Clue #5: Find It!
Begin at the START box. Circle right answers. Cross out wrong ones. Drive through the maze by following the CORRECT answers and the mystery phrase will be revealed.

Answer

Letters

The

co

C

Cross out:
• Yellow
• Green
• Blue flag
• Red race car
• Blue car
• Yellow

12, 1, 4,
What letter is in
the word
"winner"?

The winner is not near a traffic light

THE LIFETIME LEARNER

solve the mystery

The Case of the Big Race

THE LIFETIME LEARNER

Who Won the Race?

Figure out who won the big race by solving each clue.

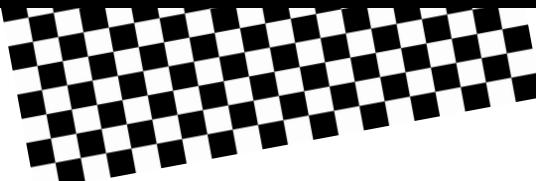
Race Car	Race Car Name	Race Car Description
1	Ji	My car is blue.
2	Milo	My car is green.
3	Andres	My car is red.
4	Luna	My car is blue.
5	Leo	My car is red.
6	Jada	My car is green.
7	Eve	My car is pink.
8	Nobu	My car is black.

Name:

THE LIFETIME LEARNER

Students complete a series of clues to figure out who won the race!

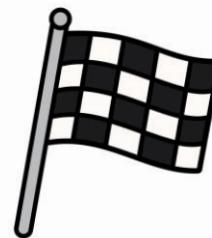
HOW TO PLAY



What Happened?

You forgot to watch the big race on TV last night. Now, you're going to need to solve some clues to figure out who won! Help figure out who came in 1st place so you'll be able to chat with friends about the winner.

1. Take a list of racers and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering who won the race.
3. Cross out wrong race cars each time you find out new information. Good luck!



THE LIFETIME LEARNER

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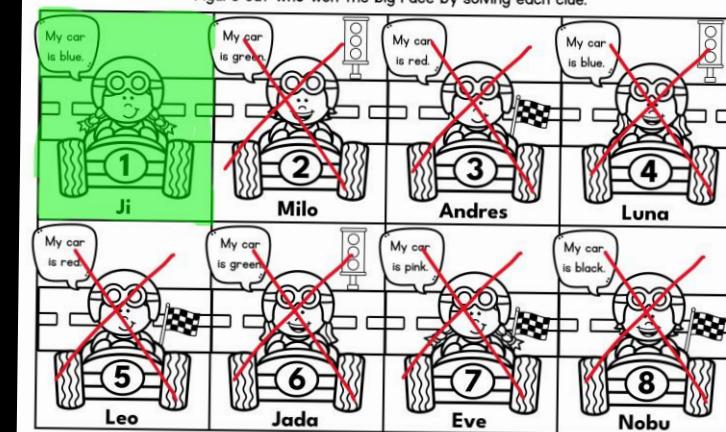
A = 🚗	G = 🚚	M = 🚤	S = 🚤	Y = 🚚
B = 🚁	H = 🎈	N = 🚨	T = 🚨	Z = 🚚
C = 🚔	I = 🚕	O = 🚕	U = 🚕	
D = 🚔	J = 🚕	P = 🚕	V = 🚕	
E = 🚔	K = 🚕	Q = 🚕	W = 🚕	
F = 🚔	L = 🚕	R = 🚕	X = 🚕	

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

THE LIFETIME LEARNER

Who Won the Race?

Figure out who won the big race by solving each clue.



Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal which racers to cross out. When all clues are completed, the mystery of the big race 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.

Answers:
4 →
6 →
10 →
6 →
10 →
Letters: N D

The winning car is...

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

Clue #2: Color the Race Track
Solve each question. Circle the right answer and color in the picture. Then read the bottom.

What addition equation would help solve the problem?
 $20-7=13$

What addition equation would help solve the problem?
 $14-8=6$

What addition equation would help solve the problem?
 $9-5=4$

What addition equation would help solve the problem?
 $8-6=2$

What addition equation would help solve the problem?
 $11-3=8$

What addition equation would help solve the problem?
 $16-9=7$

What addition equation would help solve the problem?
 $9+16=25$

What addition equation would help solve the problem?
 $16+9=25$

What addition equation would help solve the problem?
 $9+2=11$

What addition equation would help solve the problem?
 $14-11=3$

What addition equation would help solve the problem?
 $14+3=17$

Choose the key below that matches how you colored the picture of the race track.

Cross out Car 8 if this is true:

- Yellow trophy
- Green flags
- Blue finish line
- Red road
- Blue cars
- Yellow traffic light

Cross out Car 6 if this is true:

- Green trophy
- Yellow flags
- Blue finish line
- Blue road
- Blue cars
- Yellow traffic light

Cross out Car 4 if this is true:

- Green trophy
- Yellow flags
- Blue finish line
- Red road
- Yellow cars
- Blue traffic light

Cross out Car 2 if this is true:

- Green trophy
- Yellow flags
- Blue finish line
- Red road
- Blue cars
- Yellow traffic light

Clue #3: Right or Wrong?
Solve each equation in the box written correctly? Color the flag green if the answer is correct. Color the flag red if it's wrong.

$10-7=3$

$3+7=10$

$5-1=4$

$4+1=5$

$5+4=9$

$9-7=2$

$2+7=9$

$9+2=11$

$14-11=3$

$3+11=14$

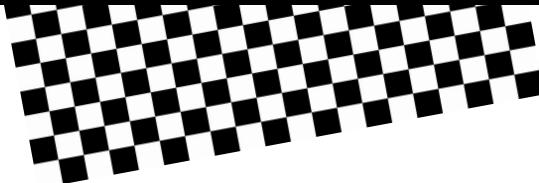
$14+3=17$

THE LIFETIME LEARNER

- Subtraction with Unknown Addends
- Race Car-Themed
- Error Analysis Practice

All clues focus on reviewing unknown addends!

MULTIPLE VERSIONS



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 Race Track
Solve each question. Circle the right answer and color in the picture. Then read the bottom. What addition equation would help solve the problem?

Clue #3: Right or Wrong?
Is the addition equation in the box written correctly? Color the flag green if the answer is correct. Color the flag red if it's wrong.

3 Clue Version

$16 - 8 = 8$	$10 - 7 = 3$	$5 - 1 = 4$
$8 + 8 = 16$	$10 + 3 = 7$	$5 + 4 = 9$
$12 - 3 = 9$	$10 + 3 = 13$	$5 + 4 = 9$
$12 + 9 = 21$	$10 + 5 = 15$	$5 + 3 = 8$
$3 + 5 = 8$	$10 + 5 = 15$	$14 + 3 = 17$

Which is true?
More red flags = Cross out all cars WITH flags.
More green flags = Cross out all cars with NO flags.

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Clue #2: Color the Race Track
Solve each question. Circle the right answer and color in the picture. Then read the bottom. What addition equation would help solve the problem?

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Is the addition equation in the box written correctly? Color the flag green if the answer is correct. Color the flag red if it's wrong.

Clue #4: Red Light Green Light
Put the correct answer in each circle. Then, read what to do at the bottom.

Clue #5: Find It!
Begin at the START box. Circle right answers. Cross out wrong ones. Drive through the maze by following the CORRECT answers and the mystery phrase will be revealed.

5 Clue Version

The winner is not near a traffic light

Short & Long Options

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.

Answers: 10, 6, 12, 4, 8, 11

Letters: N, O, T, R

The winning car 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 =	

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: 10, 6, 12, 4, 8, 11

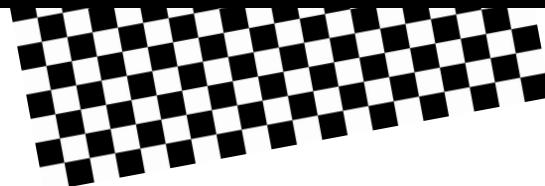
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E =	K =	Q =	W =	
F =	L =	R =	X =	

MATH FACT VERSION!



Who Won the Race?

Figure out who won the big race by solving each 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.

Answers:

1. Ji	2. Milo	3. Andres	4. Luna
5. Leo	6. Jada	7. Eve	8. Nobu

Letters: N D I R E

The winning car is...

Clue #2: Color the Race Track

Solve each question. Circle the right answer and color in the picture. Then, read the bottom.

Answers:

17-9	8-5	12-7
20-5	15-7	16-4

Clue #3: Right or Wrong?

Color the flag green if the answer is correct. Color the flag red if it's wrong.

Answers:

5+4	10+7	8+3
9+7	17	11
5	12	5+9
16	3+2	14
11+6	5+4	6+4
19	13	10

Clue #4: Red Light Green Light

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

Answers:

20-10	14-6	17-2
3-2	11-5	15-8
16-9	9-4	16-3

Clue #5: Find It!

Begin at the START box. Circle right answers. Cross out wrong ones. Drive through the maze by following the CORRECT answers and the mystery phrase will be revealed.

Answers:

8+4=12	3+7=10	8-3=5	12+7=19
17-8=9	5+4=9	13-6=7	11+9=20
4+6=10	10-7=3	4+2=6	5-4=1

What words did you circle? Write the phrase on the line. Cross the wrong race car off your list.

The winner is not near a traffic light

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:

1. Ji	2. Milo	3. Andres	4. Luna
5. Leo	6. Jada	7. Eve	8. Nobu

Letters: N D I R E

The winning car is...

Clue #2: Color the Race Track

Solve each question. Circle the right answer and color in the picture. Then, read the bottom.

Answers:

17-9	8-5	12-7
20-5	15-7	16-4

Clue #3: Right or Wrong?

Color the flag green if the answer is correct. Color the flag red if it's wrong.

Answers:

5+4	10+7	8+3
9+7	17	11
5	12	5+9
16	3+2	14
11+6	5+4	6+4
19	13	10

Clue #4: Red Light Green Light

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

Answers:

20-10	14-6	17-2
3-2	11-5	15-8
16-9	9-4	16-3

Clue #5: Find It!

Begin at the START box. Circle right answers. Cross out wrong ones. Drive through the maze by following the CORRECT answers and the mystery phrase will be revealed.

Answers:

8+4=12	3+7=10	8-3=5	12+7=19
17-8=9	5+4=9	13-6=7	11+9=20
4+6=10	10-7=3	4+2=6	5-4=1

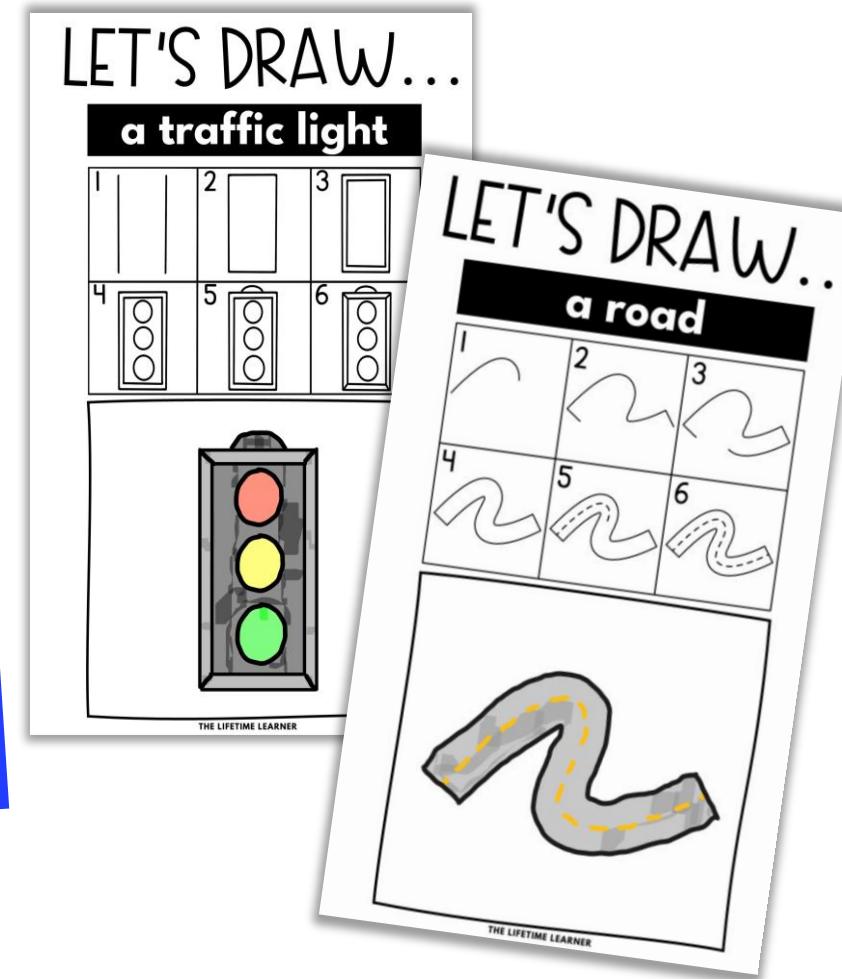
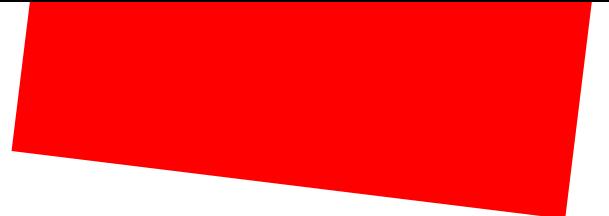
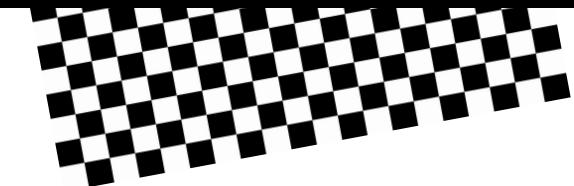
What words did you circle? Write the phrase on the line. Cross the wrong race car off your list.

The winner is not near a traffic light

Same clues. Same mystery. Different math!

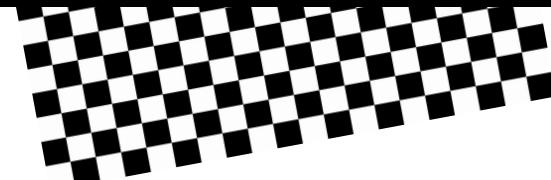
There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY

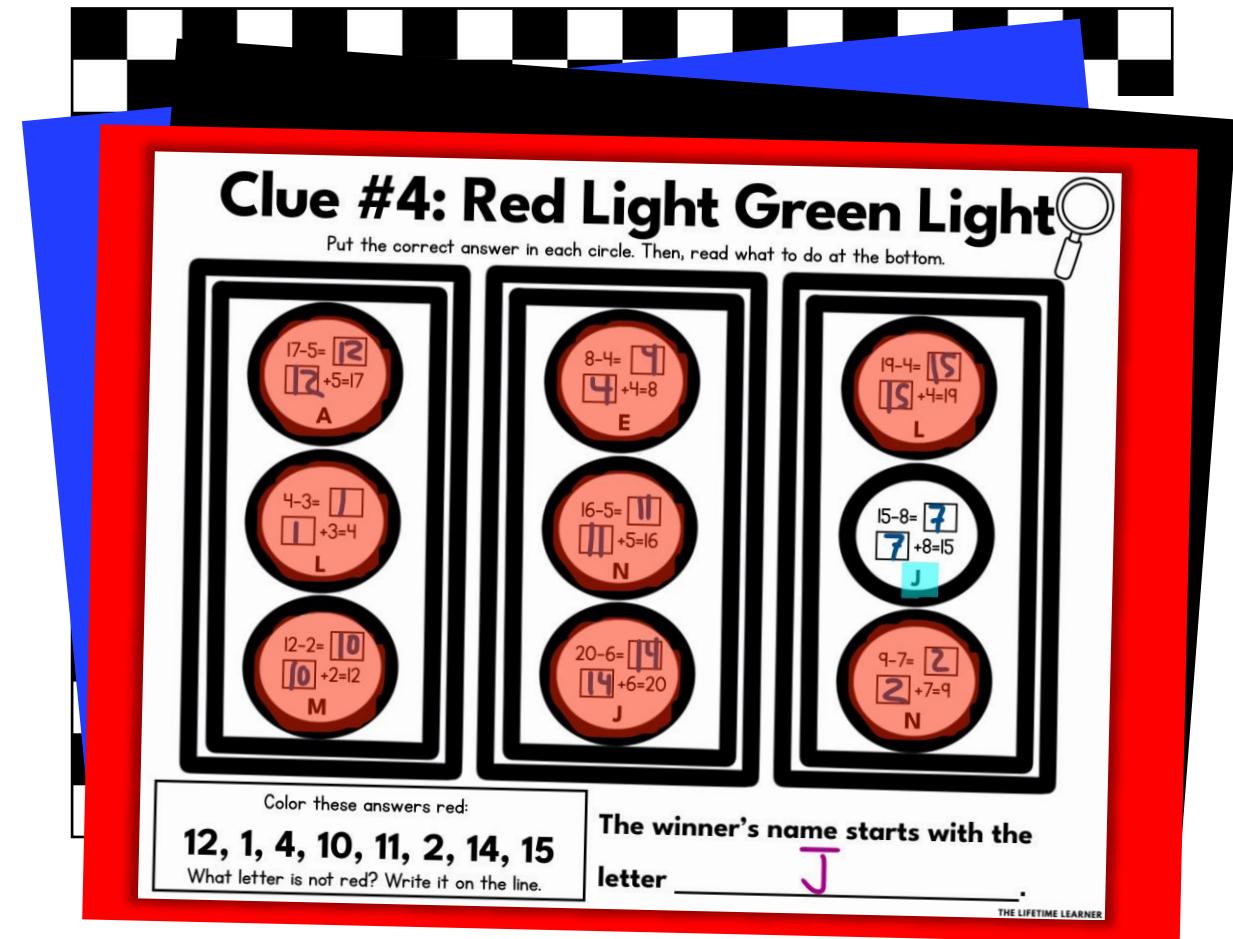


If students finish early, give them a certificate of completion and a directed drawing to complete while others continue working.

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



In 1st grade, this works well as a whole group lesson or in small groups at the teacher table.

First graders will need teacher support to read & understand the clues/directions

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
Solve each question. Circle the right answer and color in the picture. Last, use the decoder at the bottom to solve the clue.

Clue #2: Color the Race Track
What addition equation would help solve the problem?
 $20-7=\square$ red trophy $14-8=\square$ red flags $9-5=\square$ red finish line

Clue #3: Right or Wrong?
Is the addition equation in the box written correctly? Color the flag green if the answer is correct. Color the flag red if it's wrong.

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The winner is not near a traffic light



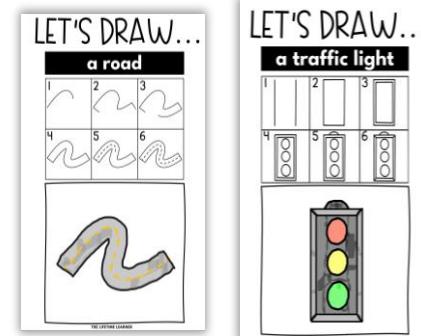
Who Won the Race?
Figure out who won the big race by solving each clue.

My car is blue. My car is red. My car is blue. My car is red.
My car is green. My car is pink. My car is black. My car is blue.
My car is red. My car is green. My car is pink. My car is black.
My car is blue. My car is red. My car is green. My car is black.

Name: _____

solve the mystery

The Case of the Big Race



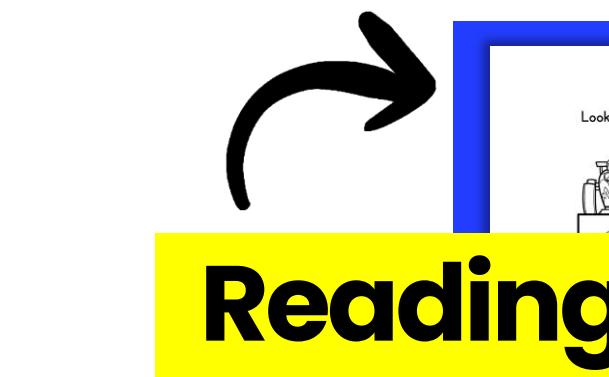
WHAT MAKES MATH MYSTERIES UNIQUE?

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.



Example of Clue 1

Clue #1: Descrambler

Look at the picture. Match it to a word below. Write the letter next to each race car on each line. When the letters are unscrambled, they will make up the clue.

	E		N		G		E
soar		roar		oar		boar	
	N		O		R		T
skateboard		board		computer		keyboard	
	N		O		R		T
surfboard		oar		boar		soar	

The winner's car is:

N O T G R E E N

Answers: **soar** **board** **surfboard** **oar** **keyboard** **boar** **soar** **skateboard**

THE LIFETIME LEARNER

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.

	4		6		12		10		11		8
4	6	12	10	11	8						
Answers:	10	6	12	4	8						
	$10-3=\square$	$10-4=\square$	$18-6=\square$	$9-5=\square$	$12-4=\square$	$3+\square=13$	$4+\square=10$	$6+\square=18$	$5+\square=9$	$4+\square=12$	$6+\square=17$

The winning car 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



KEEP THE FUN GOING!

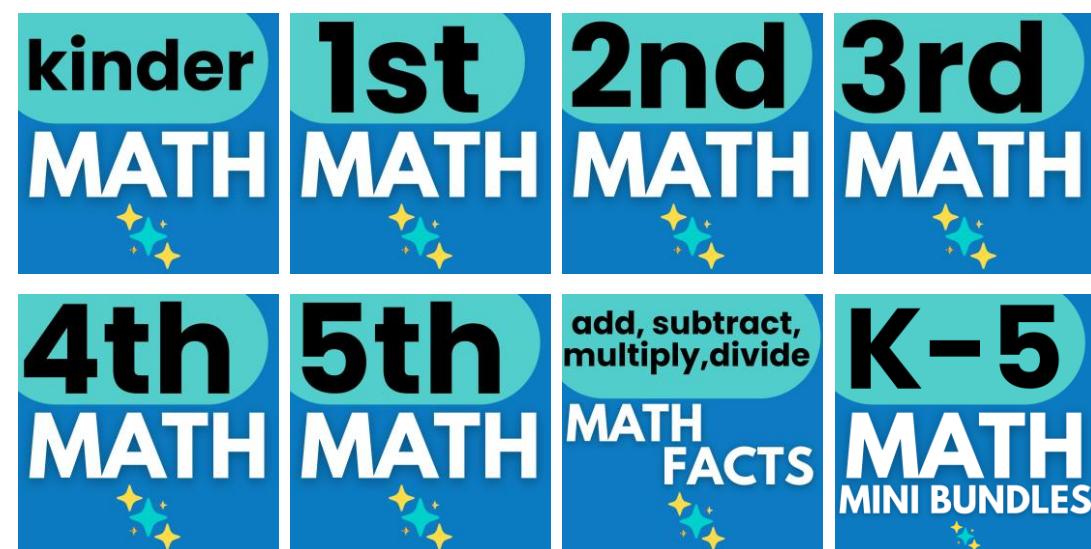
GRAB A READING MYSTERY:

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!

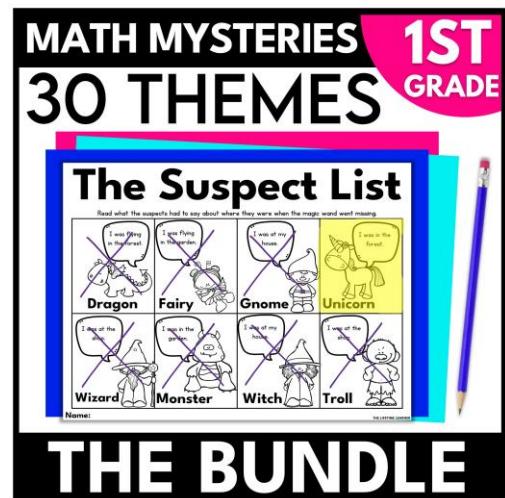


MORE MATH MYSTERIES:

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



BUY A BUNDLE
TO SAVE BIG!



THE BUNDLE