

WHAT IS THIS?



Clue #1: Picture Decoder
Find the length of the missing side. 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
Find each missing side length. Circle the right answer and color in the picture. Then read the bottom.

Clue #3: Right or Wrong?
Color the flag green if the answer is correct. Color the flag red if it's wrong.

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

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

The winner is not near a traffic light.

solve the mystery

THE LIFETIME LEARNER

The Case of the Big Race

Who Won the Race?

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

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

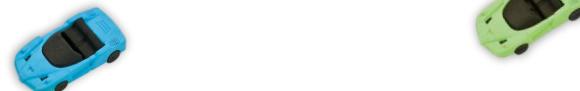
1 Ji 2 Milo 3 Andres 4 Luna 5 Leo 6 Jada 7 Eve 8 Nobu

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

Clue #1: Picture Decoder

Find the length of the missing side. 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: 4cm 2cm 8cm 6cm 10cm 7cm

Letters: N O I R E D

The winning car is...

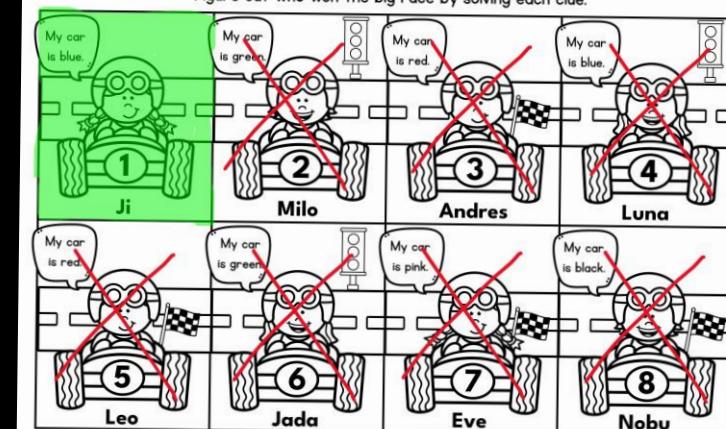
Use this decoder to help you figure out what letter is equal to each picture.

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

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
Find the length of the missing side. 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:
Letters: N
The winning car is...

Clue #2: Color the Race Track
Find each missing side length. Circle the right answer and color in the picture. Then read the bottom.

Clue #3: Right or Wrong?
Flag green if the answer is correct. Color the flag red if it's wrong.

Version #1: Area Missing Sides

Version #2: Perimeter Missing Sides

Version #3: A&P Missing Sides

All clues focus on reviewing 3rd grade skills!

Version #1:

Area Missing Sides

Version #2:

Perimeter Missing Sides

Version #3:

A&P Missing Sides

MULTIPLE VERSIONS



Clue #1: Picture Decoder
Find the length of the missing side given the perimeter. 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
Find each missing side length given the perimeter. Circle the right answer and color in the picture. Then read the bottom.

Clue #3: Right or Wrong?
Color the flag green if the answer is correct. Color the flag red if it's wrong.

3 Clue Version

Clue #1: Picture Decoder
Find the length of the missing side given the perimeter. 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
Find each missing side length given the perimeter. Circle the right answer and color in the picture. Then read the bottom.

Clue #3: Right or Wrong?
Color the flag green if the answer is correct. Color the flag red if it's wrong.

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

Clue #5: Find It!
Begin at the START box. Look at what the ? is equal to. 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

Clue #1: Picture Decoder
Find the length of the missing side given the perimeter. 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
Find each missing side length given the perimeter. Circle the right answer and color in the picture. Then read the bottom.

Clue #3: Right or Wrong?
Color the flag green if the answer is correct. Color the flag red if it's wrong.

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

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

Clue #6: Picture Decoder
Find the length of the missing side given the perimeter. 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 #7: Color the Race Track
Find each missing side length given the perimeter. Circle the right answer and color in the picture. Then read the bottom.

Clue #8: Right or Wrong?
Color the flag green if the answer is correct. Color the flag red if it's wrong.

Clue #9: Red Light Green Light
Find what the missing side length is. Put the correct answer in each circle. Then, read what to do at the bottom.

Clue #10: Find It!
Begin at the START box. Look at what the ? is equal to. Circle right answers. Cross out wrong ones. Drive through the maze by following the CORRECT answers and the mystery phrase will be revealed.

Short & Long Options

Print & Digital Forms

Clue #1: Picture Decoder
Find the length of the missing side. 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 cm** **2 cm** **8 cm** **6 cm** **10 cm** **7 cm**

Letters: **N** **O** **I** **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
Find the length of the missing side given the perimeter. 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: **2** **3 cm** **14 cm** **2 cm** **11 cm** **34 cm** **5 cm** **16 cm** **22 cm** **7 cm** **42 cm** **9 cm** **?**

Letters: **N** **?**

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 = 🚒	

2 MATH FACT OPTIONS!

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

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

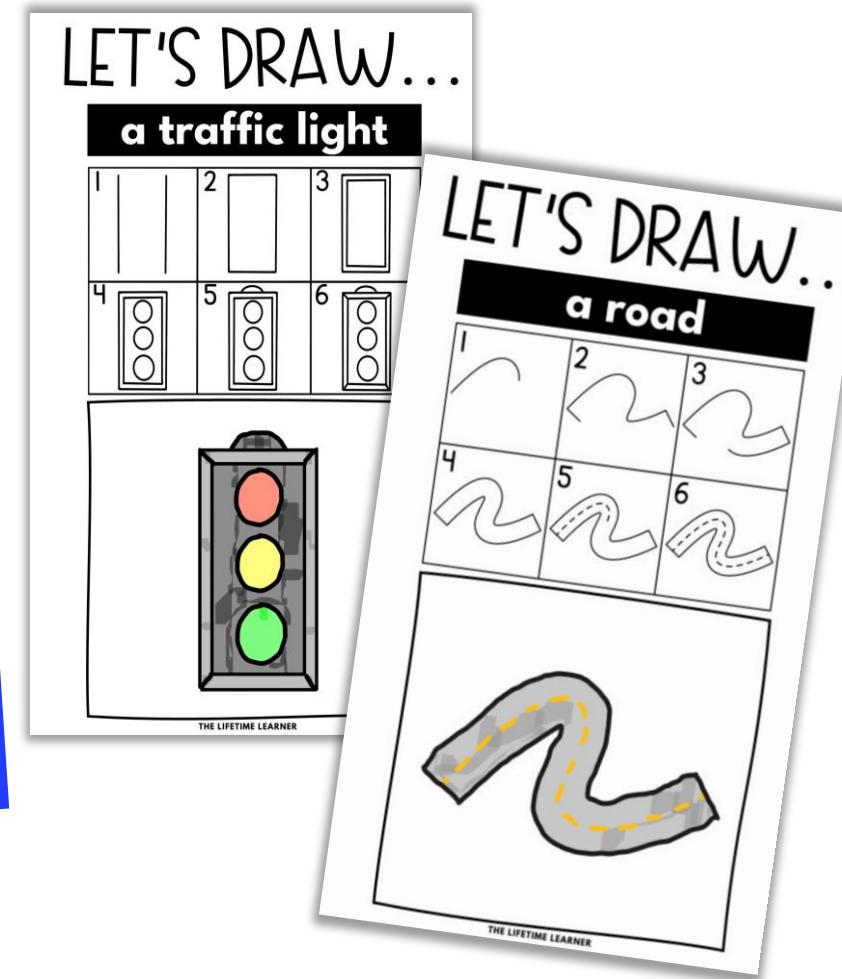
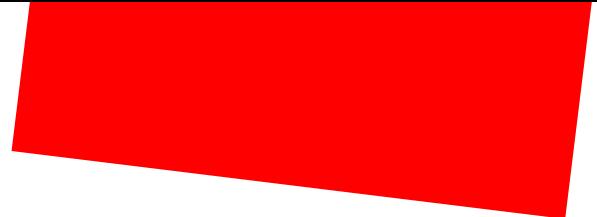
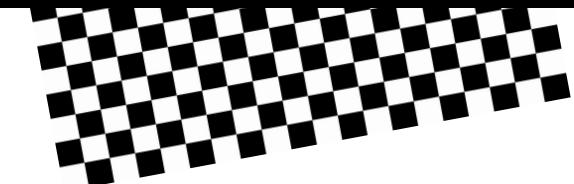
Clue #4: Red Light Green Light
Put the correct answer in each circle. Then, read what to do at the bottom.

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.

Same clues. Same mystery. Different math!

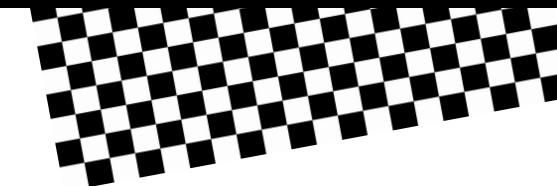
Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY

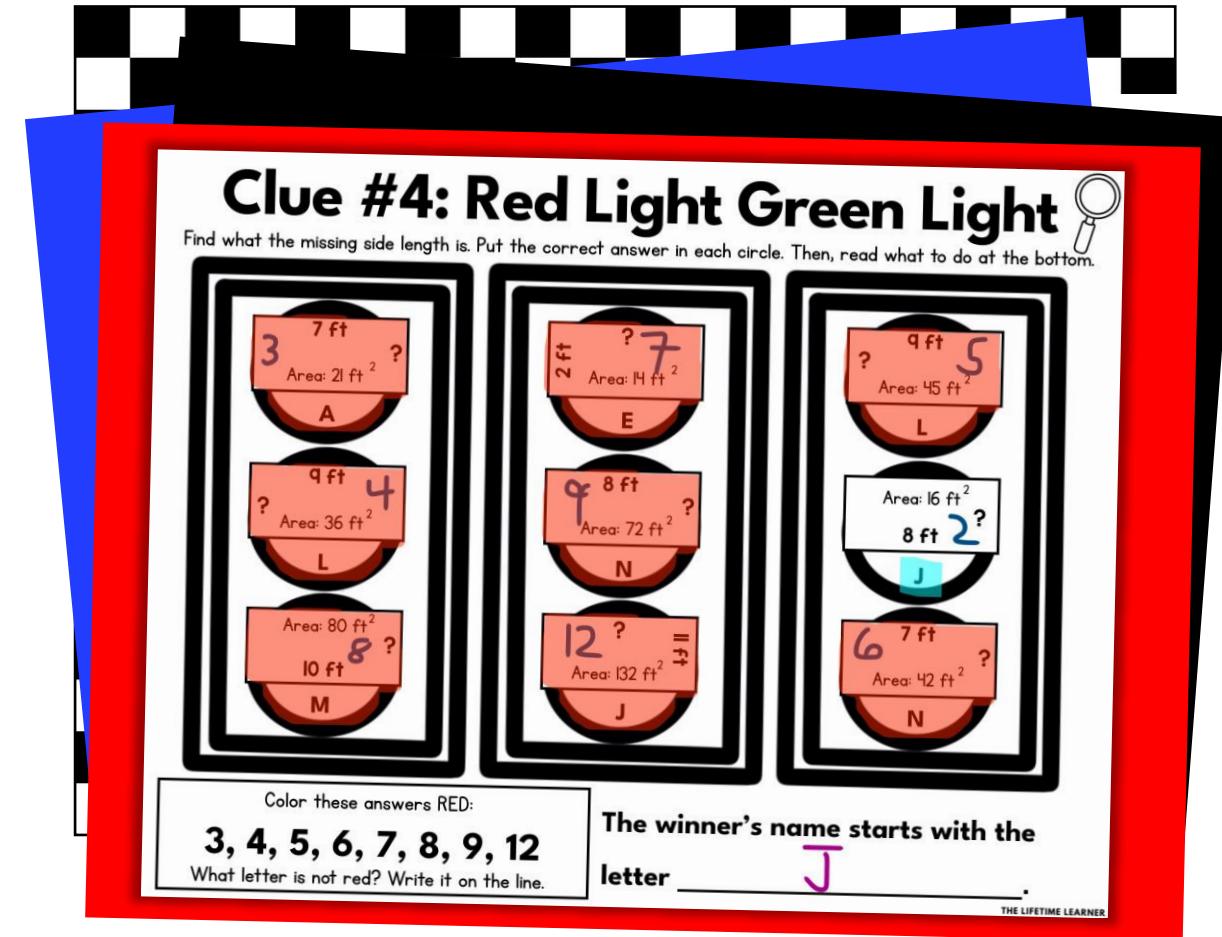


If students finish early, give them a certificate of completion and a directed drawing to complete while others continue working.

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



In 3rd 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!

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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.

Car 1: My car is blue. Car 2: My car is red. Car 3: My car is blue. Car 4: My car is red. Car 5: My car is green. Car 6: My car is pink. Car 7: My car is black. Car 8: My car is blue.

Names: Milo, Andres, Luna, Leo, Jada, Eve, Nobu

Name:

LET'S DRAW... a road

LET'S DRAW... a traffic light

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.



Reading

Example of Clue 1

Clue #1: Descrambler

Look at the picture. Match it to a verb 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				
Many drivers will	If the track is wet,	The fans watched	The mechanic will				
try	the car might	the cars	the bolts on the wheel				
spin	around the corner.	race	before the race.				
N	O	R	T				
If the driver is not	After a breakdown,	When the driver	The crowd will				
careful, the car	the crew needs to	wins first place, the	for their favorite driver				
could	the car quickly.	whole team will	as they race by.				
N	O	T	G	R	E	E	N
spin	repair	cheer	finish	celebrate	tighten	compete	crash

The winner's car is: **G R E E N**

THE LIFETIME LEARNER

Math



Clue #1: Picture Decoder

Find the length of the missing side. Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

6 cm	2 cm	8 cm	4 cm	7 cm	10 cm
Answers: 4 cm	2 cm	8 cm	6 cm	10 cm	7 cm
8 cm	?	7 cm	5 cm	?	4 cm
Area: 32 cm^2	Area: 14 cm^2	Area: 40 cm^2	?	Area: 60 cm^2	?
N	D	T	R	E	D

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!

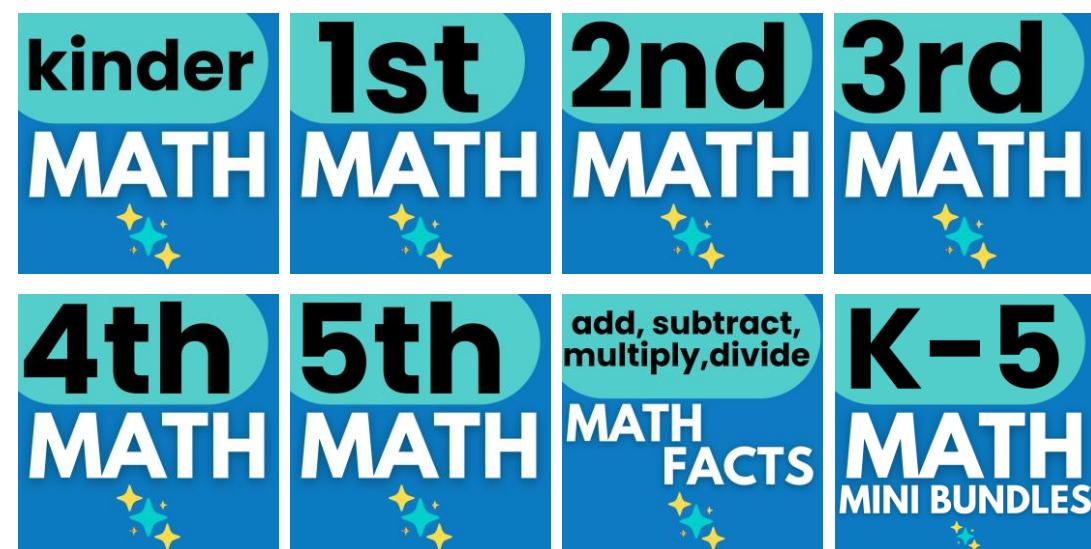
GRAB A READING MYSTERY:

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!

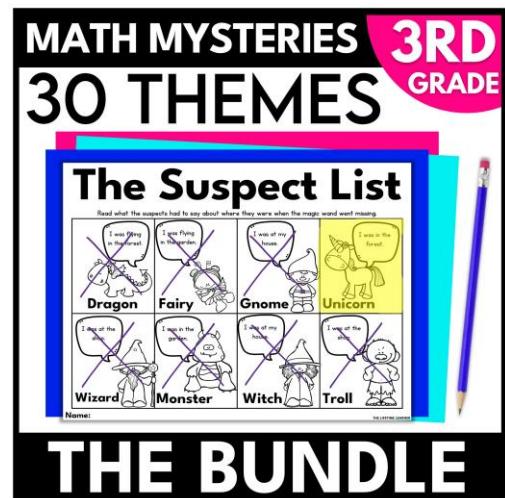


MORE MATH MYSTERIES:

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



BUY A BUNDLE
TO SAVE BIG!



THE BUNDLE