

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.

solve the mystery
The Case of the Big Race

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

1	2	3	4
My car is blue.	My car is green.	My car is red.	My car is blue.
Ji	Milo	Andre	Luna
My car is red.	My car is green.	My car is pink.	My car is black.
Leo	Jada	Eve	Nobu

Name: _____

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

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

Answers: 10 6 12 4 8 11

13-3= 3+ =13 10-4= 4+ =10 18-6= 6+ =18 9-5= 5+ =9 12-4= 4+ =12 17-6= 6+ =17

Letters: N O 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

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.

1 Ji 2 Milo 3 Andres 4 Luna

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

5 Leo 6 Jada 7 Eve 8 Nobu

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

- Subtraction with Unknown Addends
- Race Car-Themed
- Error Analysis 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: $10 - 3 = \square$
 $10 - 4 = \square$
 $3 + \square = 13$
 $4 + \square = \square$

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?
 $20 - 7 = \square$

- A. $20 + 7 = \square$ red trophy
B. $7 + 20 = \square$ blue trophy
C. $20 + \square = 7$ yellow trophy
D. $7 + \square = 20$ green trophy



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

- A. $14 + 8 = \square$ red flags
B. $8 + 14 = \square$ blue flags
C. $8 + \square = 14$ yellow flags
D. $14 + \square = 8$ green flags



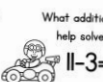
What addition equation would help solve the problem?
 $9 - 5 = \square$

- A. $9 + 5 = \square$ red finish line
B. $5 + 9 = \square$ blue finish line
C. $5 + 9 = \square$ yellow finish line
D. $9 + \square = 5$ green finish line



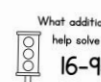
What addition equation would help solve the problem?
 $8 - 6 = \square$

- A. $6 + 8 = \square$ red road
B. $8 + 6 = \square$ blue road
C. $6 + 8 = \square$ yellow road
D. $8 + \square = 6$ green road



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

- A. $11 + \square = 3$ red cars
B. $3 + 11 = \square$ blue cars
C. $11 + 3 = \square$ yellow cars
D. $3 + 11 = \square$ green cars



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

- A. $9 + 16 = \square$ red traffic light
B. $16 + 9 = \square$ blue traffic light
C. $9 + \square = 16$ yellow traffic light
D. $16 + 9 = \square$ green traffic light

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

Cross out Car 6 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
- Red 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?

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

$10 - \square = 3$
 $3 + 7 = 10$

$5 - \square = 4$
 $4 + 1 = 5$

$5 + 4 = \square$

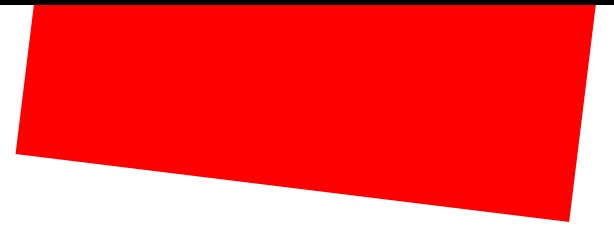
$9 - \square = 2$
 $2 + 7 = 9$

$9 + 2 = \square$

$14 - \square = 3$
 $3 + 11 = 14$

$14 + 3 = \square$

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: 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.

3 Clue Version

More red flags = Cross out all cars WITH flags.
More green flags = Cross out all cars with NO flags.

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.

5 Clue Version

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: 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.

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.

Short & Long Options

MATH FACT VERSION!



Who Won the Race?

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

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

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: $13 = 4+9$, $18 = 12+6$, $12 = 7+5$, $14 = 6+8$, $17 = 2+5$

Letters: N O 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.

17-9: A. 5 - red trophy, B. 6 - blue trophy, C. 7 - yellow trophy, D. 8 - green trophy

8-5: A. 1 - red flags, B. 2 - blue flags, C. 3 - yellow flags, D. 4 - green flags

12-7: A. 4 - red finish line, B. 5 - blue finish line, C. 6 - yellow finish line, D. 7 - green finish line

20-5: A. 15 - red road, B. 14 - blue road, C. 13 - yellow road, D. 12 - green road

15-7: A. 7 - red cars, B. 8 - blue cars, C. 9 - yellow cars, D. 10 - green cars

16-4: A. 10 - red traffic light, B. 11 - blue traffic light, C. 12 - yellow traffic light, D. 13 - green traffic light

Clue #3: Right or Wrong?

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

$5+4$	$10+7$	$8+3$
$9+7$	$3+2$	$5+9$
$11+6$	$5+4$	$6+4$

Clue #4: Red Light Green Light

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

20-10 10 A	14-6 8 E	17-2 15 L
3-2 1 L	8-5 3 N	15-8 7 J
18-9 9 M	9-4 5 J	16-3 13 N

Color these answers RED: 1, 5, 6, 8, 9, 10, 13, 15

What letter is not red? Write it on the line.

The winner's name starts with the letter J.

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.

$8+4=12$	$3+7=11$	$8-3=6$	$12+7=18$
$17-8=9$	$5+4=19$	$13-6=7$	$11+9=20$
$9+6=14$	$10-7=3$	$4+2=6$	$5-4=1$

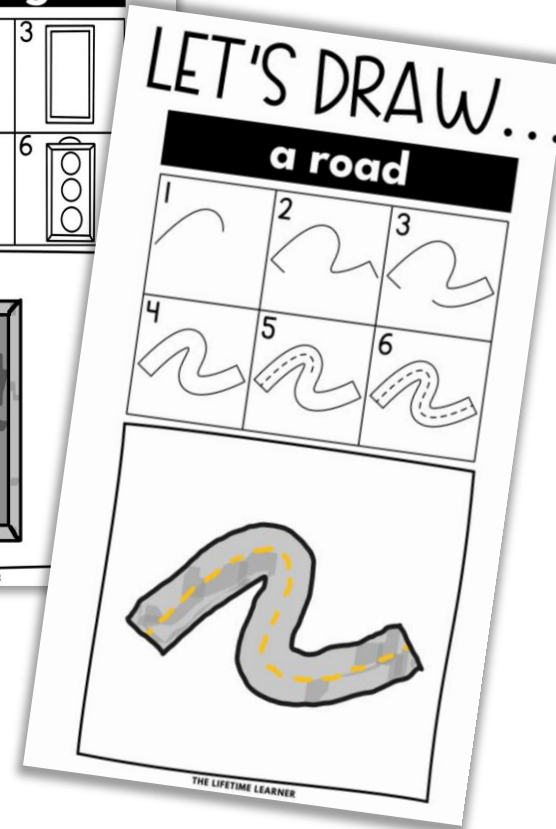
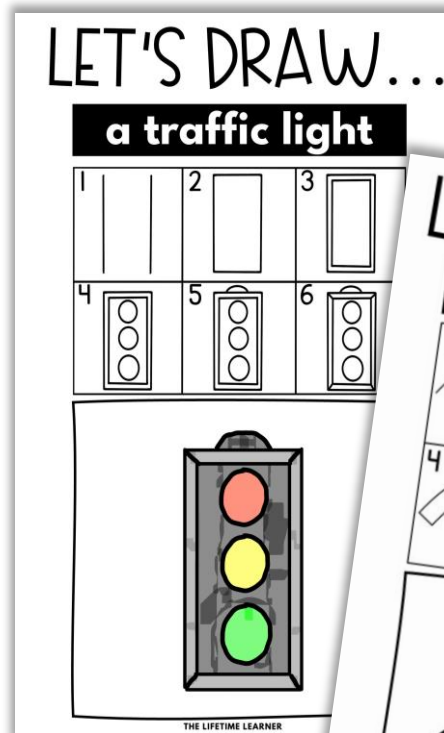
What words did you circle? Write the phrase on the line. Cross the wrong race car off your list.

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

Clue #4: Red Light Green Light

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

$17-5=$ 12 $12+5=17$ A	$8-4=$ 4 $4+4=8$ E	$19-4=$ 15 $15+4=19$ L
$4-3=$ 1 $1+3=4$ L	$16-5=$ 11 $11+5=16$ N	$15-8=$ 7 $7+8=15$ J
$12-2=$ 10 $10+2=12$ M	$20-6=$ 14 $14+6=20$ J	$9-7=$ 2 $2+7=9$ N

Color these answers red:
12, 1, 4, 10, 11, 2, 14, 15
What letter is not red? Write it on the line.

The winner's name starts with the letter J.

THE LIFETIME LEARNER

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!

The collage features several math mystery worksheets from 'The Lifetime Learner'.

- Clue #1: Picture Decoder**: A worksheet where students solve math problems to decode a picture.
- Clue #2: Color the Race Track**: A worksheet where students solve math problems to color a race track.
- Clue #3: Right or Wrong?**: A worksheet where students solve math problems to determine if an answer is right or wrong.
- Clue #4: Red Light Green Light**: A worksheet where students solve math problems to determine if a light is red or green.
- Clue #5: Find It!**: A worksheet where students solve math problems to find a hidden phrase.
- The Detective Agency sends congratulations to:**: A certificate for Lindsay, dated 11/2, presented by SW.
- Who Won the Race?**: A worksheet where students solve math problems to determine who won a race. The winner is Milo.
- LET'S DRAW... a road**: A drawing activity for a road.
- LET'S DRAW... a traffic light**: A drawing activity for a traffic light.
- solve the mystery**: A large sign with the text 'solve the mystery' and a cartoon car.
- The Case of the Big Race**: A sign with the text '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

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.

The winner's car is:

N O T G R E E N







roar board surfboard oar keyboard boar soar skateboard

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.

					
4	6	12	10	11	8























Answers:

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

rs: **N O 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 =	

KEEP THE FUN GOING!

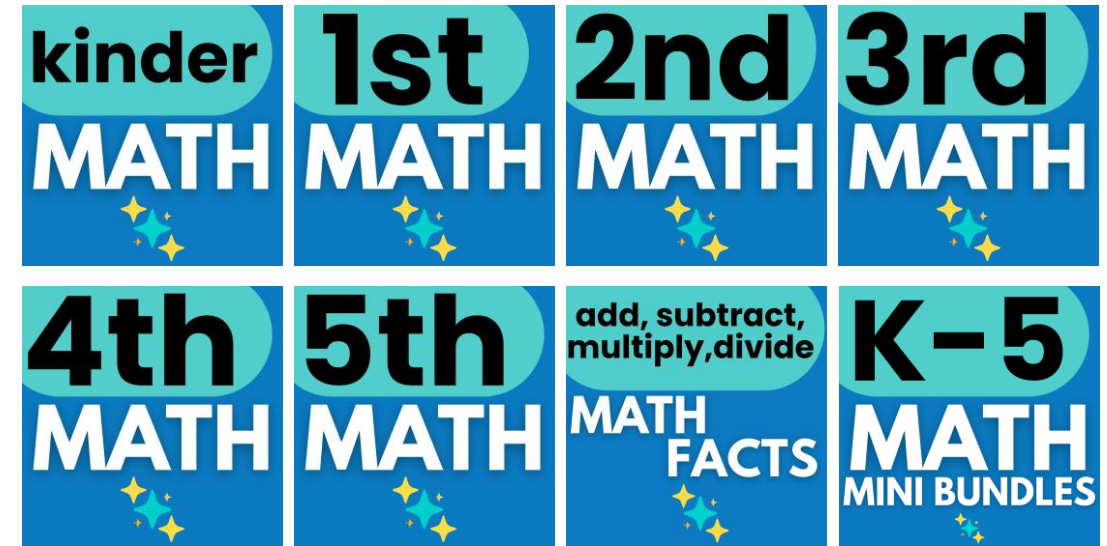
GRAB A READING MYSTERY:

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!

