

# WHAT IS THIS?

**Clue #1: Color the Boxes**  
Answer each question. Then color each mystery box the correct color.

**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?**  
Decide which side is right. 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.

Rachel is making a quilt that is 80 inches long. She has seen together 12 inches of fabric so far. How many more inches does she need?	The first watermelon measures 10 inches in diameter. The second watermelon measures 22 inches in diameter. How much larger is the first watermelon than the second?
85 43 ? 42	? 77 32 45
42 85	32 13?
David's book is 145 pages long. His bookmark is on page 32. How many pages are left until the end of the book?	Tom measures a ribbon that is 36 inches long. The next ribbon he measures is 8 inches shorter. How long is the second ribbon?
45 32 ? 13	? 44 8 36
45 32	36 8 12
Ryan and Emily are playing a game where they have to jump over a rope. Ryan jumps 24 inches while Emily jumps 34 inches. How much farther did Emily jump than Ryan?	The first tree is 38 feet tall. The second tree is 5 feet shorter than the first. How tall is the second tree?
? 54 24 34	? 43 38 5
34 24 ?	38 5 35?
The first castle is 75 feet tall. The second castle is 12 feet taller than the first. How tall is the second castle?	The first caterpillar traveled 8 inches. The second caterpillar traveled 7 inches more than the first. How far did the second caterpillar travel?
75 63 12	? 87 18 7
12 75	18 7 11?

**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: Color the Boxes

Answer each question. Then color each mystery box the correct color.

Alex moved the couch 15 inches to the left. Then he moved it another 20 inches to the left. How many inches did he move the couch in all?  
 $15 + 20 = 35$

- A. 35 in. color box red  
B. 5 in. color box blue  
C. 25 in. color box green  
D. 10 in. color box yellow



Sarah's rectangular pool is 50 feet long and 25 feet wide. How much longer is it than wide in feet?  
 $50 - 25 = 25$

- A. 25 ft. color box red  
B. 75 ft. color box blue  
C. 40 ft. color box green  
D. 55 ft. color box yellow



Emma's living room window is 28 inches wide and her bedroom window is 36 inches wide. How wide are the windows put together?  
 $28 + 36 = 64$

- A. 8 in. color box red  
B. 58 in. color box blue  
C. 64 in. color box green  
D. 16 in. color box yellow



Sarah's bookcase is 24 inches wide and her sister's bookcase is the same width as hers. What is the width of their bookcases combined?  
 $24 + 24 = 48$

- A. 24 in. color box red  
B. 48 in. color box blue  
C. 12 in. color box green  
D. 36 in. color box yellow



What color boxes do you see? Find the key that matches for your next hint!

- 2 red boxes
- 1 blue box
- 0 green boxes
- 1 yellow box

Cross out objects that are plants.

- 2 red boxes
- 1 blue box
- 1 green box
- 0 yellow boxes

Cross out objects that are round.

- 2 red boxes
- 0 blue boxes
- 1 yellow box

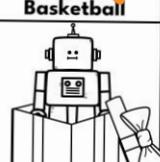
Cross out anything you need to cook.

- 2 red boxes
- 2 blue boxes
- 0 green boxes
- 0 yellow boxes

Cross out anything that is alive.

## What's in the Box?

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

 Fried Chicken	 Flowers	<del></del> Basketball	 Video Game
 Dog	 Books	 Robot Game	 A Taco

Name: \_\_\_\_\_

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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: Color the Boxes**  
Answer each question. Then color each mystery box the correct color.

Alex moved the couch 15 inches to the left. Then he moved it another 20 inches to the left. How many inches did he move the couch in all?  
 $15 + 20 = 35$

Sarah's rectangular pool is 50 feet long and 25 feet wide. How much longer is the pool than the width?

Emma's living room window is 28 inches wide and her bedroom window is 36 inches wide. How much longer is the living room window than the bedroom window?

Sarah's bookcase is 24 inches wide and her sister's bookcase is the same width as hers. What is the width of her sister's bookcase?

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

Sarah's laptop is 33 centimeters wide, she wants a new laptop that is 45 centimeters wide. How much larger is the new laptop?  
 $45 - 33 = 12$

Jack needs a tablecloth that is 90 inches wide. The one at the store is 60 inches wide. How many more inches wide would the tablecloth need to be?  
 $90 - 60 = 30$

Jack has written a report that is 10 inches long. His teacher said it needs to be 45 inches long. How many more inches does he need to write?  
 $45 - 10 = 35$

Michael has two driveways next to each other. The first one is 32 feet wide. The second one is 57 feet wide. How wide are the driveways combined in width together?  
 $32 + 57 = 89$

Michael's robot moved 42 inches on Friday and another 49 inches on Saturday. How far did the robot move in all?  
 $42 + 49 = 91$

Sarah's GPS shows that her destination is 72 miles away. She has driven 65 miles so far. How much farther does she need to drive?  
 $72 - 65 = 7$

Emily is growing a vegetable garden. The first row is 50 inches long. The second row is 35 inches long. How much longer is the first row than the second?  
 $50 - 35 = 15$

Emily's pencil case is 15 inches long. John's pencil case is 4 inches longer than Emily's. How many inches long is John's pencil case?  
 $15 + 4 = 19$

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
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**Clue #3: Fill in the Blank**

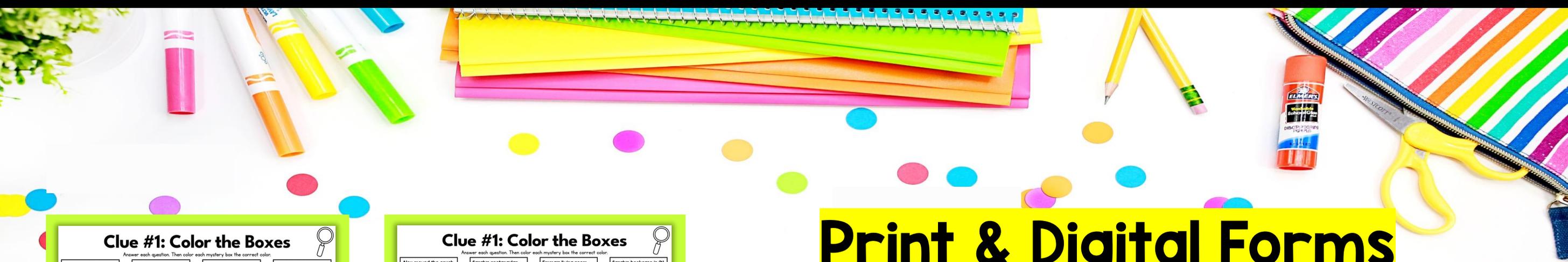
$3-16$ box	$88-6$ any	$84-31$ the	$45-8$ make	$65+12$ flowers
$1+31$ isn't	$62-16$ books		$44+23$ read	$88+6$ does
			$27+16$ the	$24+8$ have

Answer & Word:  
 $65-12$  not  
 $45-8$  make  
 $24-8$  noise

- Addition and Subtraction Measurement
- Word Problems
- Mystery-Themed
- Error Analysis Practice

All clues focus on reviewing measurement!

# MULTIPLE VERSIONS



Print & Digital Forms

**Clue #1: Color the Boxes**  
Answer each question. Then color each mystery box the correct color.  
Alex moved the couch. Sarah's rectangular. Emma's living room. Sarah's bookcase is 24.

**Clue #2: Multiple Choice**  
Solve each question. Circle the right answer. Then read the bottom.  
 $32 + 57 = 89$

**Clue #3: Fill in the Blank**  
27-16 chicken box 63-16 hot 88-6 any 84-31 the 45-8 robot 65+12 flowers  
50+18 inside 84+31 unit 63+16 books 24-8 none 44+23 read 88+6 class  
65-12 have

**3 Clue Version**

**Clue #1: Color the Boxes**  
Answer each question. Then color each mystery box the correct color.  
Alex moved the couch. Sarah's rectangular. Emma's living room. Sarah's bookcase is 24.

**Clue #2: Multiple Choice**  
Solve each question. Circle the right answer. Then read the bottom.  
 $32 + 57 = 89$

**Clue #3: Fill in the Blank**  
27-16 chicken box 63-16 hot 88-6 any 84-31 the 45-8 robot 65+12 flowers

**Clue #4: The Box**

**Clue #5: Which Has Less?**  
Decide which side is right. 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.

**5 Clue Version**

**Clue #2: Multiple Choice**  
Solve each question. Circle the right answer. Then read the bottom.  
 $32 + 57 = 89$

Sarah's laptop is 33 centimeters wide, she wants a new laptop that is 45 centimeters wide. How much longer is the new laptop?  
 $45 - 33 = 12$

Jack needs a tablecloth that is 40 inches wide. The one at the store is 60 inches wide. How many more inches wide would the tablecloth need to be?  
 $60 - 40 = 20$

Jack has written a report that is 10 inches long. The teacher said it needs to be 45 inches long. How many more inches does he need to write?  
 $45 - 10 = 35$

Michael has two driveways next to each other. The first one is 32 feet wide. The second one is 57 feet wide. How wide are the driveways combined in width together?  
 $32 + 57 = 89$

Michael's robot moved 42 inches on Friday and another 41 inches on Saturday. How far did the robot move in all?  
 $42 + 41 = 83$

Sarah's GPS shows that her destination is 72 miles away. She has driven 65 miles so far. How much farther does she need to drive?  
 $72 - 65 = 7$

Emily is growing a vegetable garden. The first row is 50 inches long. The second row is 35 inches long. How much longer is the first row than the second?  
 $50 - 35 = 15$

Emily's pencil case is 8 inches long. John's pencil case is 15 inches long. How much longer is John's pencil case?  
 $15 - 8 = 7$

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 = 2 Ds = 3 Ds = 4 Ds =
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**Clue #2: Multiple Choice**  
Solve each question. Circle the right answer. Then read the bottom.  
 $32 + 57 = 89$

Sarah's laptop is 33 centimeters wide, she wants a new laptop that is 45 centimeters wide. How much longer is the new laptop?  
 $45 - 33 = 12$

Jack needs a tablecloth that is 40 inches wide. The one at the store is 60 inches wide. How many more inches wide would the tablecloth need to be?  
 $60 - 40 = 20$

Jack has written a report that is 10 inches long. The teacher said it needs to be 45 inches long. How many more inches does he need to write?  
 $45 - 10 = 35$

Michael has two driveways next to each other. The first one is 32 feet wide. The second one is 57 feet wide. How wide are the driveways combined in width together?  
 $32 + 57 = 89$

Michael's robot moved 42 inches on Friday and another 41 inches on Saturday. How far did the robot move in all?  
 $42 + 41 = 83$

Sarah's GPS shows that her destination is 72 miles away. She has driven 65 miles so far. How much farther does she need to drive?  
 $72 - 65 = 7$

Emily is growing a vegetable garden. The first row is 50 inches long. The second row is 35 inches long. How much longer is the first row than the second?  
 $50 - 35 = 15$

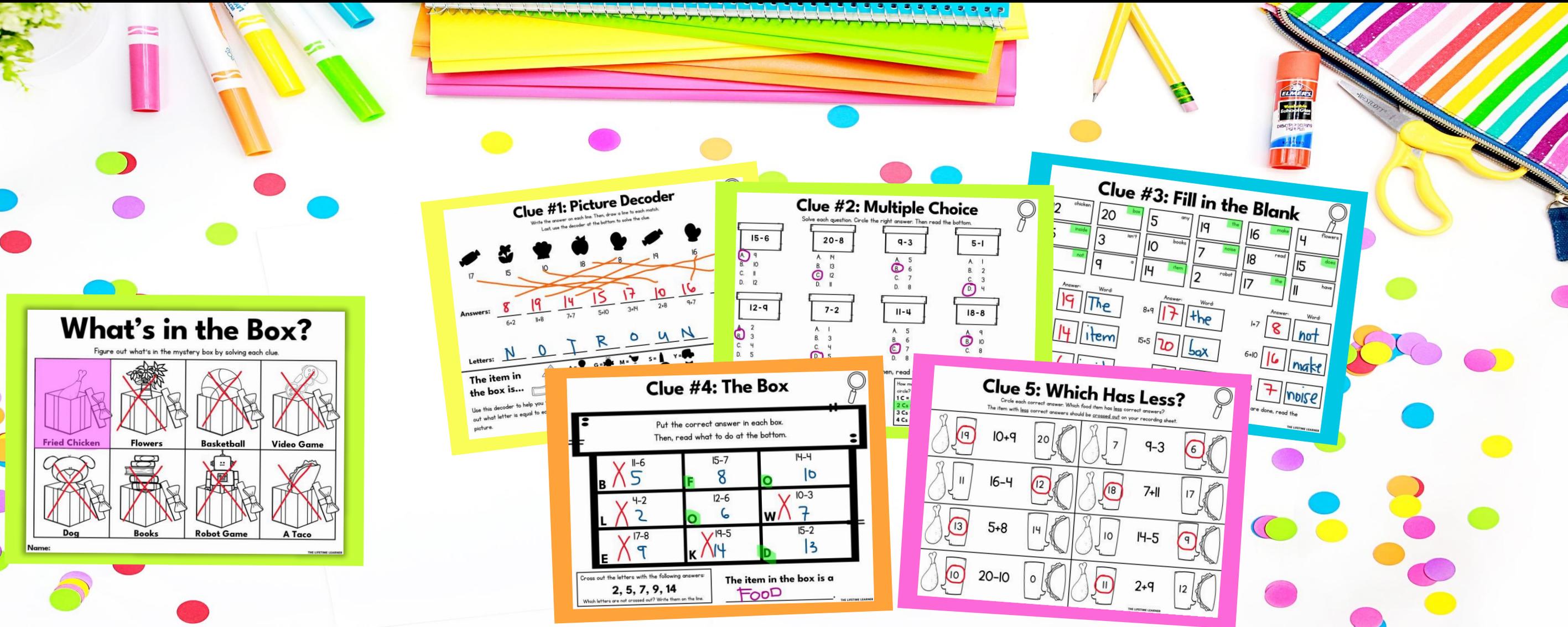
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Short & Long Options

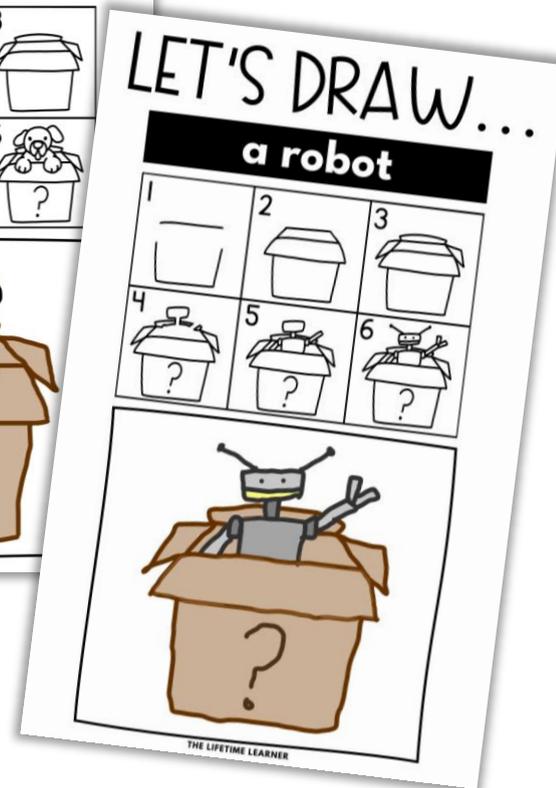
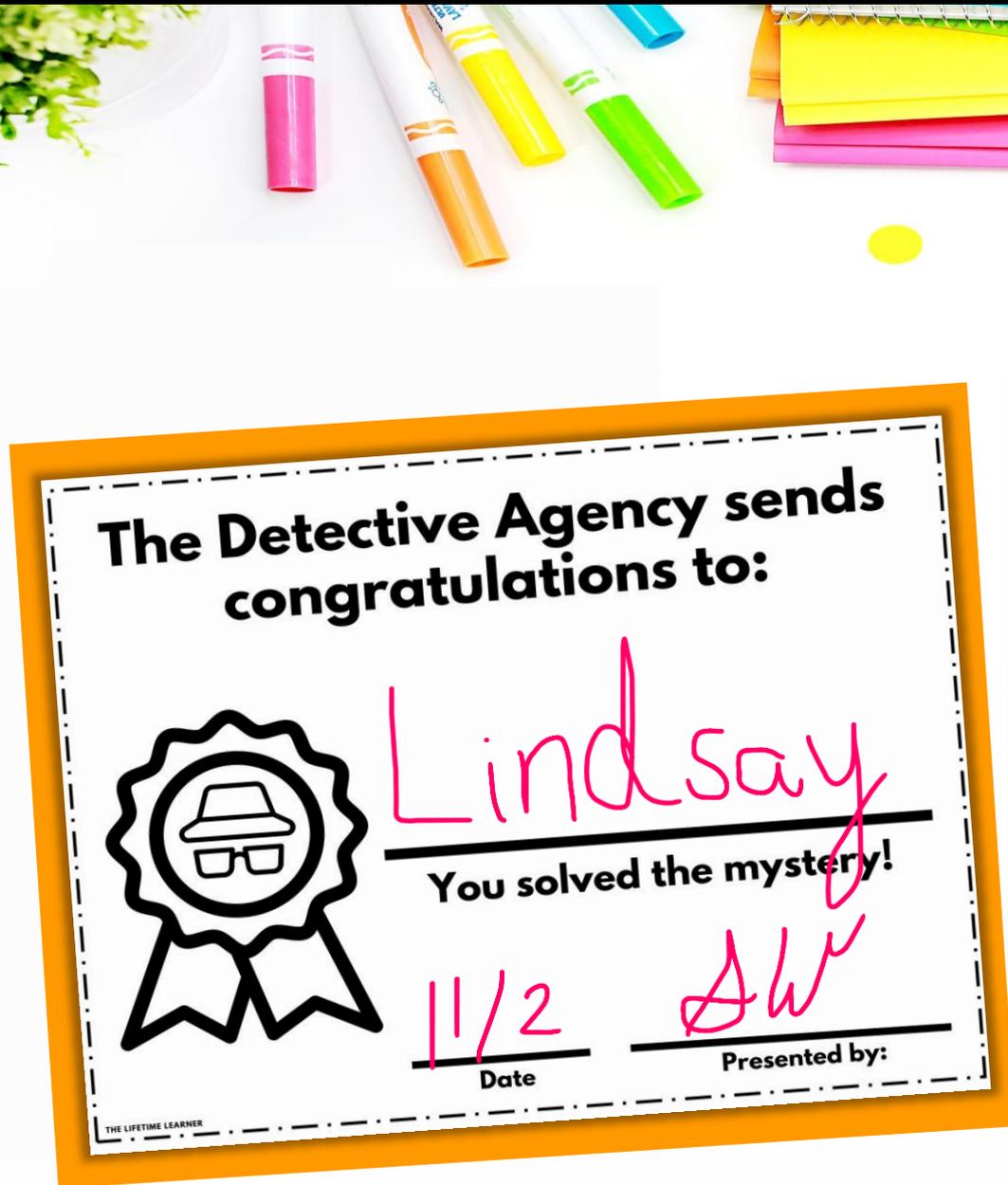
# MATH FACT VERSION!



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: The Box** 

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

<p>A car is traveling at 41 miles per hour. Another car is traveling 18 miles per hour slower. How fast is the second car traveling?</p> <p><del>B</del> <math>41 - 18 = 23</math></p>	<p>The first building is 67 feet tall and the second building is 16 feet taller. How tall is the second building?</p> <p><b>F</b> <math>67 + 16 = 83</math></p>	<p>The first dress is 62 inches long. The second dress is 14 inches shorter than the first. How long is the second dress?</p> <p><b>O</b> <math>62 - 14 = 48</math></p>
<p>A baseball is thrown 32 feet. A second baseball is thrown 8 feet less than the first. How far was the second baseball thrown?</p> <p><b>O</b> <math>32 - 8 = 24</math></p>	<p>Mimi's painting is 72 inches wide. Her sister's painting is 12 inches wider. How wide is the sister's painting?</p> <p><del>K</del> <math>72 + 12 = 84</math></p>	<p>Jake's couch is 96 inches long. His neighbor's couch is 25 inches shorter than his. How long is his neighbor's couch?</p> <p><b>D</b> <math>96 - 25 = 71</math></p>

Cross out the letters with the following answers:  
**84 and 23**  
Which letters are not crossed out? Write them on the line.

The item in the box is a FOOD

THE LIFETIME LEARNER

In 2<sup>nd</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: 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**

27-16	chicken	63-16	box	88-6	any	84-31	the	45-8	make	65+12	flowers
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**Clue #4: The Box**  
Put the correct answer in each box.

**Clue 5: Which Has Less?**  
Decide which side is right. 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.

Rachel is making a gift that is 85 inches long. She has seven together 42 inches of fabric on for. How many more inches does she need?	The first watermelon measures 15 inches in diameter. The second watermelon measures 32 inches in diameter. How much larger is the first watermelon than the second?
85 43? 42	? 32 45
42 85	45 32 12?
Daniel's book is 45 pages long. His bookmark is on page 32. How many pages are left until the end of the book?	Tom measures a ribbon that is 36 inches long. The first ribbon he measures is 8 inches shorter. How long is the second ribbon?
45 32 ? 13	? 44
42 32	36 8 12?
Ryan and Emily are playing a game where they have to jump over a rope. Ryan jumps 24 inches while Emily jumps 34 inches. How much farther did Emily jump than Ryan?	The first tree is 38 feet tall. The second tree is 5 feet shorter. How tall is the second tree?
? 54	? 43
24 34	38 5
34 ?	5 38?
The first castle is 75 feet tall. The second castle is 12 feet shorter. How tall is the second castle?	The first caterpillar traveled 18 inches. The second caterpillar traveled 7 inches more than the first. How far did the second caterpillar travel?
75 63 12	25 ?
12 75	18 7
	7 11 ?

The Detective Agency sends congratulations to:



**Lindsay**

You solved the mystery!

11/2 Date *AW* Presented by:

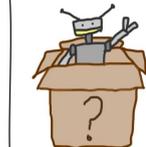
LET'S DRAW...  
a puppy

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

THE LIFETIME LEARNER

# 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

Math

### Clue #1: Missing Letters

First, fill in the missing vowel sound for each word.  
Then, read what to do at the bottom.

Which letter did you see most often?  
Use that answer to cross off wrong items.

The item in the box does NOT have:

- A: 5 letters
- E: 6 letters
- O: 9 letters
- I: 4 letters**
- U: 8 letters

### Clue #1: Color the Boxes

Answer each question. Then color each mystery box the correct color.

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 $15 + 20 = 35$

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Sarah's bookcase is 24 inches wide and her sister's bookcase is the same width as hers. What is the width of their bookcases combined?  
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color box red  
color box blue  
color box green  
color box yellow

A. 25 ft. color box red  
B. 75 ft. color box blue  
C. 40 ft. color box green  
D. 55 ft. color box yellow

A. 8 in. color box red  
B. 58 in. color box blue  
C. 64 in. color box green  
D. 16 in. color box yellow

A. 24 in. color box red  
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C. 12 in. color box green  
D. 36 in. color box yellow

What color boxes do you see? Find the key that matches for your next hint!

- 2 red boxes
- 1 blue box
- 0 green boxes
- 1 yellow box

Cross out objects that are plants.

- 2 red boxes
- 1 blue box
- 1 green box
- 0 yellow boxes

Cross out objects that are round.

- 2 red boxes
- 0 blue boxes
- 1 green box
- 1 yellow box

Cross out anything you need to cook.

- 2 red boxes
- 2 blue boxes
- 0 green boxes
- 0 yellow boxes

Cross out anything that is alive.

# KEEP THE FUN GOING!

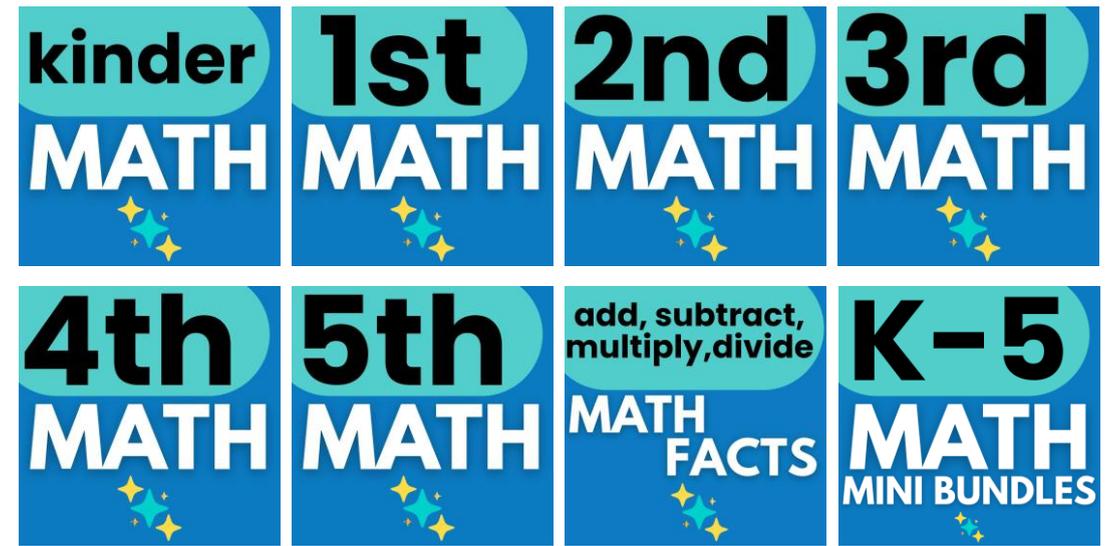
## GRAB A **READING MYSTERY**:

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!

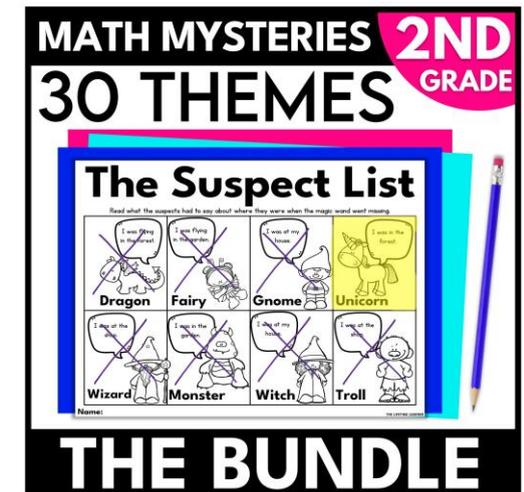


## MORE **MATH MYSTERIES**:

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



**BUY A BUNDLE  
TO SAVE BIG!**



**THE BUNDLE**