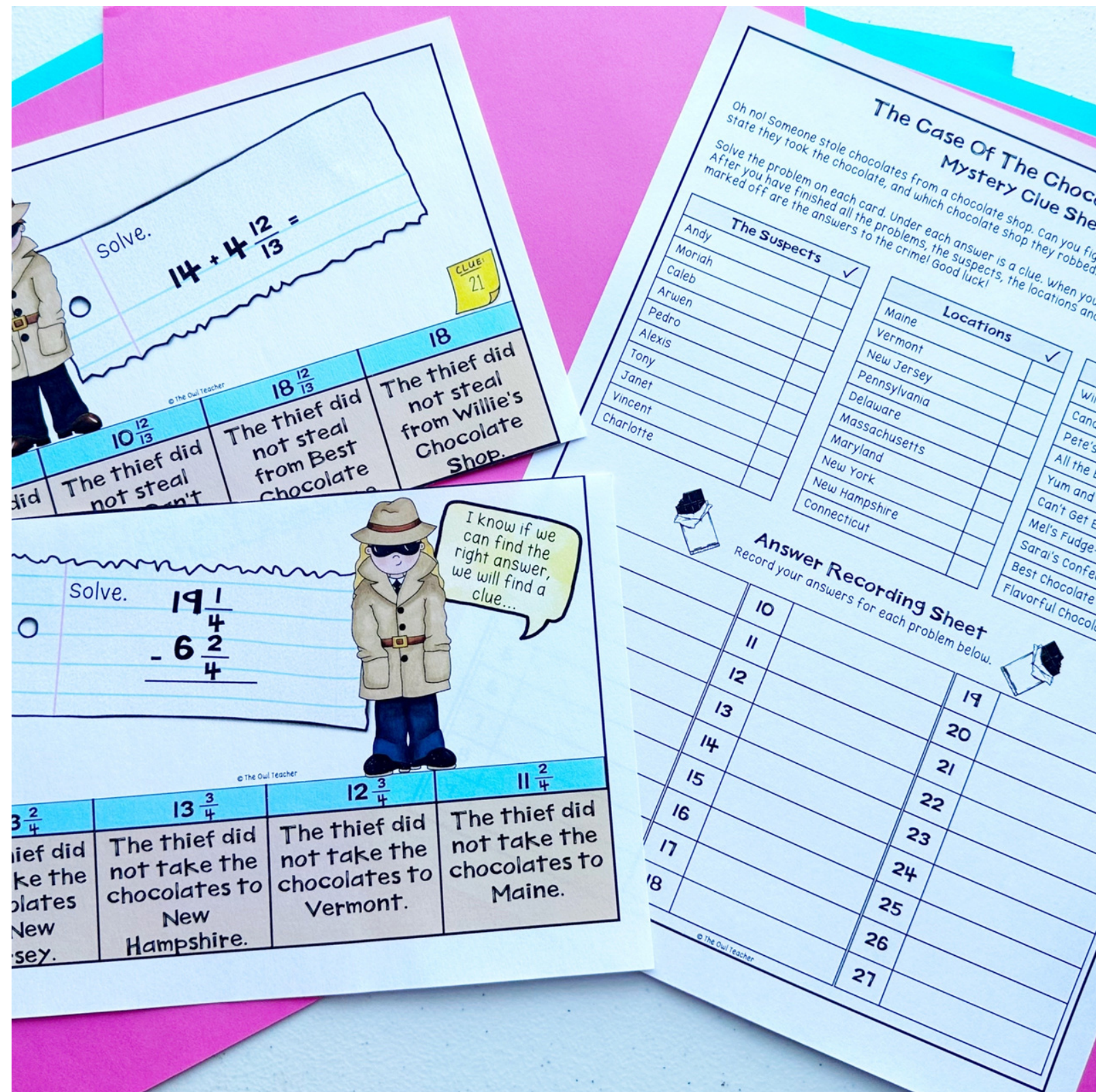


# CONCEPTS COVERED



- ADDITION & SUBTRACTION OF MIXED FRACTIONS WITH LIKE DENOMINATORS
- CCSS 4.NF.3C
- VERTICAL & HORIZONTAL ALIGNMENT EQUATIONS
- SOME WITH REGROUPING
- PROBLEM SOLVING SKILLS, CRITICAL THINKING SKILLS, LOGICAL REASONING

**GET STUDENTS EXCITED ABOUT LEARNING**

# WHY USE THIS?

## Lots of Benefits

- THE MYSTERY-SOLVING ELEMENT TRANSFORMS THE MATH PRACTICE INTO AN EXCITING CHALLENGE, CAPTIVATING STUDENTS' ATTENTION AND MOTIVATING THEM TO PARTICIPATE ACTIVELY.
- IT INVOKES CRITICAL THINKING AND PROBLEM SOLVING SKILLS.
- READY MADE MATERIALS AND ADAPTABILITY HELPS MAKE PLANNING EASIER AND SAVE TIME WHILE DOING IT.

**The Case Of The Chocolate Thief  
Mystery Clue Sheet**

Oh no! Someone stole chocolates from a chocolate shop. Can you figure out who was the thief, to which state they took the chocolate, and which chocolate shop they robbed.

Solve the problem on each card. Under each answer is a clue. When you get the clue, mark it off here. After you have finished all the problems, the suspects, the locations and the chocolate shops that aren't marked off are the answers to the crime! Good luck!

The Suspects	✓
Andy	
Moriah	
Caleb	
Arwen	
Pedro	
Alexis	
Tony	
Janet	
Vincent	
Charlotte	

Locations	✓
Maine	
Vermont	
New Jersey	
Pennsylvania	
Delaware	
Massachusetts	
Maryland	
New York	
New Hampshire	
Connecticut	

The Chocolate Shops	✓
Willie's Chocolate Shop	
Candies, Toys, and More	
Pete's Favorite Chocolates	
All the Bunnies Chocolates	
Yum and Yummy Shop	
Can't Get Enough Sweets	
Mel's Fudge-tastic Shop	
Sara's Confectionary	
Best Chocolate Ever Store	
Flavorful Chocolates	

**Answer Record**

Solve.  $10 \frac{8}{16} - 9 \frac{1}{16} =$

CLUE: 5

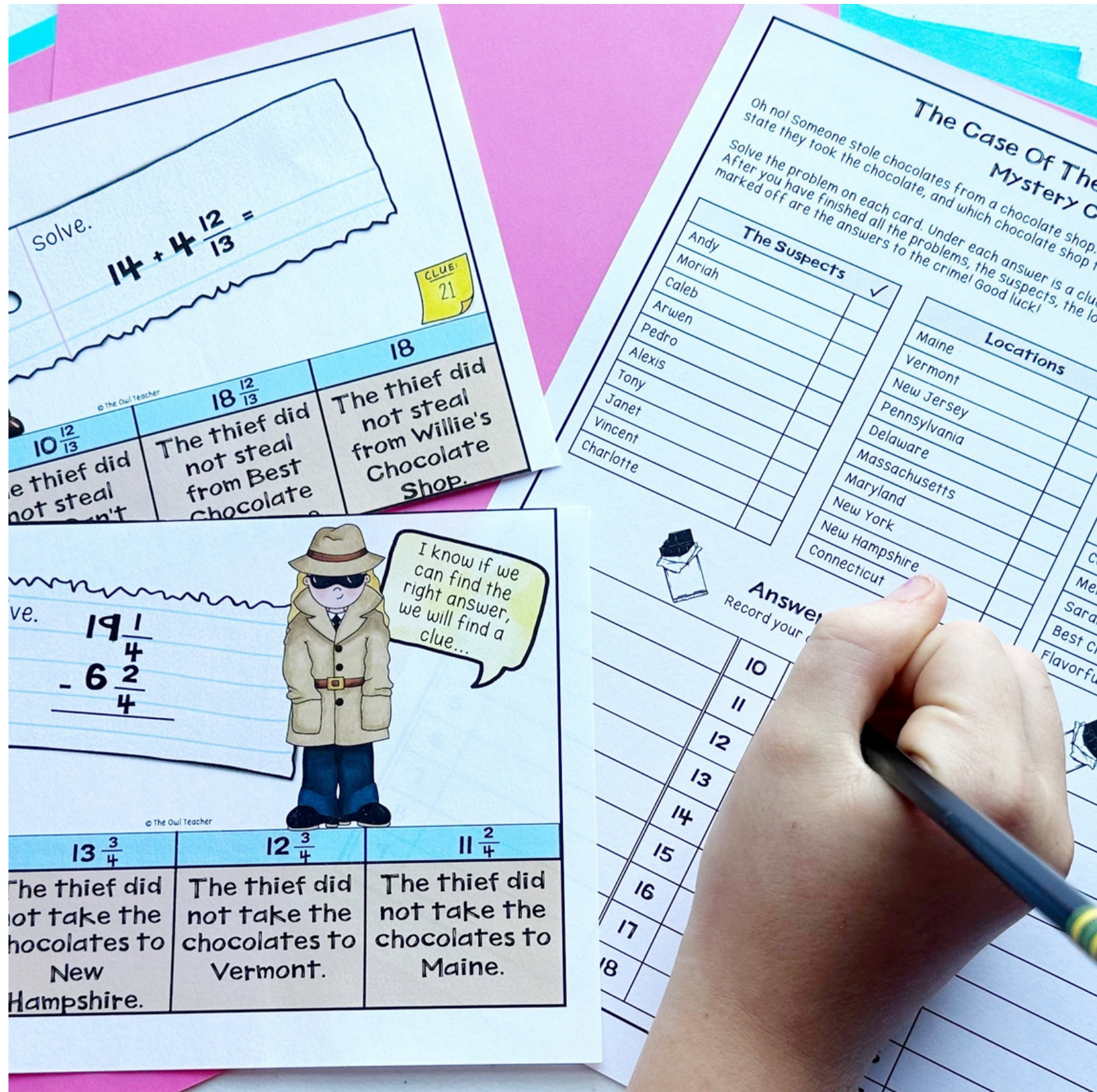
The thief did not take the chocolates to Pennsylvania.	$19 \frac{1}{4}$	The thief did not take the chocolates to Vermont.	$1 \frac{9}{16}$	The thief did not take the chocolates to New Hampshire.	$1 \frac{9}{16}$
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Solve.  $15 \frac{5}{8} - 8 \frac{4}{8} =$

The thief is not Charlotte.	$9 \frac{2}{8}$	The thief is not Caleb.	$7 \frac{4}{8}$	The thief is not A...
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GET HIGH-QUALITY,  
ENGAGING RESOURCES

# WHAT'S INCLUDED?



- 27 MYSTERY PROBLEM CARDS
- ANSWER KEY
- COLOR AND B/W VERSIONS
- MYSTERY CLUE SHEET
- RECORDING SHEET

**TAKE YOUR WEEKENDS BACK TO DO WHAT YOU LOVE**

# PERFECT FOR:

- CENTERS
- SUPPLEMENTING YOUR CURRENT LESSONS
- WARM UP ACTIVITIES
- SMALL GROUPS
- TEACHER DEMONSTRATIONS
- SUBSTITUTES
- REVIEW & PRACTICE

- WHOLE GROUP ACTIVITIES
- PARTNER WORK
- COOPERATIVE LEARNING
- INDIVIDUAL LEARNING
- HOMEWORK
- ENRICHMENT
- EARLY FINISHERS
- AND SO MUCH MORE!

**WITHOUT HAVING TO  
SACRIFICE YOUR LESSON PLANS**

# HOW IT WORKS

ENGAGE YOUR UPPER ELEMENTARY STUDENTS WITH A LITTLE MYSTERY DURING THEIR MATH HOUR WITH THESE MYSTERY CARDS! STUDENTS WORK THROUGH A SET OF CARDS ANSWERING QUESTIONS. EACH ANSWER BRINGS THEM ONE STEP CLOSER TO SOLVING THE MYSTERY!

**The Case Of The Chocolate Mystery Clue Sheet**

Oh no! Someone stole chocolates from a chocolate shop. Can you figure out who they took the chocolate, and which chocolate shop they robbed. Solve the problem on each card. Under each answer is a clue. When you have finished all the problems, the suspects, the locations and marked off are the answers to the crime! Good luck!

The Suspects		Locations	
Andy	<input type="checkbox"/>	Maine	<input type="checkbox"/>
Moriah	<input type="checkbox"/>	Vermont	<input type="checkbox"/>
Caleb	<input type="checkbox"/>	New Jersey	<input type="checkbox"/>
Arwen	<input type="checkbox"/>	Pennsylvania	<input type="checkbox"/>
Pedro	<input type="checkbox"/>	Delaware	<input type="checkbox"/>
Alexis	<input type="checkbox"/>	Massachusetts	<input type="checkbox"/>
Tony	<input type="checkbox"/>	Maryland	<input type="checkbox"/>
Janet	<input type="checkbox"/>	New York	<input type="checkbox"/>
Vincent	<input type="checkbox"/>	New Hampshire	<input type="checkbox"/>
Charlotte	<input type="checkbox"/>	Connecticut	<input type="checkbox"/>

**Answer Recording Sheet**

Record your answers for each problem below.

10	19
11	20
12	21
13	22
14	23
15	24
16	25
17	26
18	27

**Mystery Card 1:** Solve.  $14 + 4\frac{12}{13} =$  **CLUE 21**  
The thief did not steal from Willie's Chocolate Shop.

**Mystery Card 2:** Solve.  $19\frac{1}{4} - 6\frac{2}{4} =$   
I know if we can find the right answer, we will find a clue...

**Clues from cards:**  
The thief did not steal from Best Chocolate.  
The thief did not take the chocolates to New Hampshire.  
The thief did not take the chocolates to Vermont.  
The thief did not take the chocolates to Maine.

SAVE TIME PLANNING WITH DETAILED ACTIVITIES

# ADDITIONAL INFO

**The Case Of The Chocolate Thief**  
**Mystery Clue Sheet**

Oh no! Someone stole chocolates from a chocolate shop. Can you figure out who was the thief, to which state they took the chocolate, and which chocolate shop they robbed.

Solve the problem on each card. Under each answer is a clue. When you get the clue, mark it off here. After you have finished all the problems, the suspects, the locations and the chocolate shops that aren't marked off are the answers to the crime! Good luck!

The Suspects	✓	Locations	✓	The Chocolate Shops	✓
Andy		Maine		Willie's Chocolate Shop	
Moriah		Vermont		Candies, Toys, and More	
Caleb		New Jersey		Pete's Favorite Chocolates	
Arwen		Pennsylvania		All the Bunnies Chocolates	
Pedro		Delaware		Yum and Yummy Shop	
Alexis		Massachusetts		Can't Get Enough Sweets	
Tony		Maryland		Mel's Fudge-tastic Shop	
Janet		New York		Sara's Confectionary	
Vincent		New Hampshire		Best Chocolate Ever Store	
Charlotte		Connecticut		Flavorful Chocolates	

**Answer Record**

Solve.  $10\frac{8}{16} + 9\frac{1}{16} =$

CLUE: 5

The thief did not take the chocolates to Pennsylvania.

The thief did not take the chocolates to Vermont.

The thief did not take the chocolates to New Hampshire.

The thief did not take the chocolates to New York.

Solve.  $15\frac{5}{8} - 8\frac{4}{8} =$

The thief is not Charlotte.

The thief is not Caleb.

The thief is not A...

CULTIVATE EXCITEMENT IN YOUR MATH CLASS AS YOU REVIEW IMPORTANT MATH CONCEPTS WITH THESE MYSTERY MATH CARDS. TACKLE THE DIFFICULTIES OF ADDING AND SUBTRACTING FRACTIONS WITH LIKE DENOMINATORS WHILE WEAVING IN PROBLEM SOLVING SKILLS AND A LITTLE CRITICAL THINKING! ADD TO YOUR CART TODAY TO BEGIN THE MYSTERY!

**BEST PRACTICES & RESEARCH BASED RESOURCES**

# EXPLORE THESE RELATED ITEMS

## ADD & SUBTRACT FRACTIONS

**The Case Of The Town Steal**  
Mystery Clue Sheet

Did the suspects steal something from the town during a festival, can you figure out who was the thief, where they took the item, and what was stolen.

Solve the problem on each card, under each answer in a clue, when you get the clue, mark it off here. After you have finished all the problems, the suspect, location, and items that aren't marked off are the answers to our crime story!

The Suspects	The Locations	The Items
<input type="checkbox"/> Teacher Pratt	<input type="checkbox"/> Camp Shop	<input type="checkbox"/> Statue
<input type="checkbox"/> IT Director Smith	<input type="checkbox"/> Orchard	<input type="checkbox"/> Apple Tree
<input type="checkbox"/> Police Officer Jones	<input type="checkbox"/> Park	<input type="checkbox"/> Community Garden
<input type="checkbox"/> Fire Fighter Garcia	<input type="checkbox"/> Restaurant	<input type="checkbox"/> Coffee Shop
<input type="checkbox"/> Singer Lee	<input type="checkbox"/> School Office	<input type="checkbox"/> Music Store
<input type="checkbox"/> Veterinarian King	<input type="checkbox"/> Barber Shop	<input type="checkbox"/> Elementary School
<input type="checkbox"/> Football Coach	<input type="checkbox"/> Coffee Shop	
<input type="checkbox"/> Store Clerk Adams	<input type="checkbox"/> Music Store	

**Answer Recording**  
Record your answer's for each problem.

10	20
11	21
12	22
13	23
14	24
15	25
16	26
17	27
18	

MYSTERY CARD ACTIVITY

## ADD & SUBTRACT FRACTIONS

**GETTING "HOOKED" ON ADDING FRACTIONS**

LESSONS, GAMES, & MORE

## MULTI-STEP WORD PROBLEMS

**2-STEP PROBLEMS**

**START**

Lisa has 32 grape and 24 orange candies. Each of her bowls can hold 10 candies. How many bowls does she need for all of her candies?

**10 R2**

Tina bought 8 bags of potatoes. Each bag had 12 potatoes. However, 5 of the potatoes were bad and had to be tossed out. How many were left?

**22**

Down drank 3 sodas every hour for 4 hours. Then, she drank 4 extra sodas. How many sodas did she drink in total?

**62**

Matt earned \$27 mowing lawns and \$33 washing cars. If he spends \$11 each day, how many days will the money last?

**4 R3**

Dan is making 5 keychains for each of his 4 friends. He has already made 14 keychains. How many more does he need to make?

**14**

A shop had 63 mangoes but had to toss out 14. If the remaining mangoes were split evenly into 4 boxes, how many mangoes were in each box?

**7 R2**

Robin packed 36 snacks for her 7 friends. However, she got hungry and ate 4 snacks. How many snacks does each friend get?

**4 R4**

Justin must spell 100 words. He spelled 16 at school and will spell the rest at home, split evenly over 5 hours. How many words will he spell each hour?

**16 R4**

**YOU DID IT! FINISHED**

**2-STEP PROBLEMS**

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

**START**

Kenzie is making 3 bracelets for each of her 4 friends. She has already made 10 bracelets. How many more does she need to make?

**37**

A shop had 63 cans. However, 13 cans were thrown out. If the remaining cans were split evenly into 10 crates, how many cans were in each crate?

**9**

**YOU DID IT! FINISHED**

Todd has 26 daisies and 44 roses. Each of his vases can hold 8 flowers. How many vases does he need for all of his flowers?

START2FINISH MATH PUZZLES

CLICK ON THE IMAGE TO CHECK THEM OUT!



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Take **BACK YOUR WEEKENDS** without  
**SACRIFICING**  
high-quality  
**RESOURCES!**

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**CLICK ADD TO YOUR CART  
TO TAKE THOSE  
WEEKENDS BACK!**

