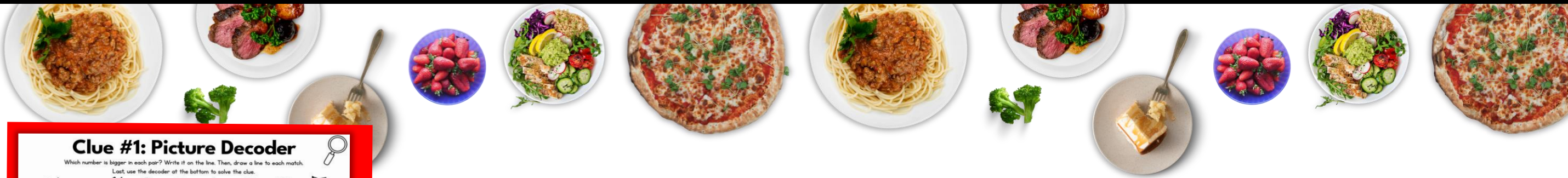


WHAT IS THIS?



Clue #1: Picture Decoder
Which number is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the number that is smaller in each pair.

The Red Restaurant had been open for 234 or 243 years and was the most popular place to eat in town.
They had over 399 or 366 items on their menu, including 748 or 784 appetizers and

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

Clue #5: Descrambler
Place the correct letter on top of each matching answer.

The person who is missing their food did not order any:

L E T T U C E

10 7 16 8 3 6 18

**solve the
mystery**

The Case of the Missing Dinner

Whose Food Is Missing?
Solve the clues to figure out whose food has not come out from the kitchen yet.

| | | | |
|---------------------|--------------------|---------------------|---------------------|
| Aunt's Order | Uncle's Order | Mom's Order | Dad's Order |
| Brother's Order | Sister's Order | Grandma's Order | Grandpa's Order |

Name: _____

Students complete a series of clues to figure out whose dinner is missing!

HOW TO PLAY



What Happened?

Uh oh! Everyone ordered something for dinner at the restaurant...but one person's food is missing! Help describe to the waiter what the person was missing so they know what food to bring out.

1. Take a food list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering whose food is missing.
3. Cross out wrong foods 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.

64 8 20 40 35 24 63 90 15

Answers: 8 35 64 90 24 15 20 35 63

$\frac{4 \times 2}{8}$ $\frac{5 \times 7}{35}$ $\frac{8 \times 8}{64}$ $\frac{9 \times 10}{90}$ $\frac{6 \times 4}{24}$ $\frac{3 \times 5}{15}$ $\frac{2 \times 10}{20}$ $\frac{5 \times 8}{35}$ $\frac{7 \times 9}{63}$

Letters: M I L K S H A K E

The person did not order a:









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

Whose Food Is Missing?

Solve the clues to figure out whose food has not come out from the kitchen yet.

| | | | |
|--|---|--|--|
|  Aunt's Order |  Uncle's Order |  Mom's Order |  Dad's Order |
|  Brother's Order |  Sister's Order |  Grandma's Order |  Grandpa's Order |

Name: _____

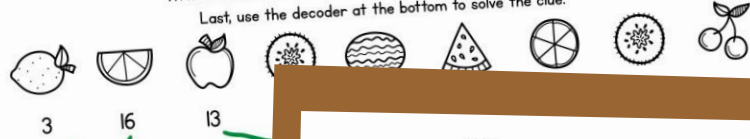
THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what foods to cross out.
When all clues are completed, the mystery of the missing dinner 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: $\frac{16}{14+2}$ $\frac{11}{3+8}$

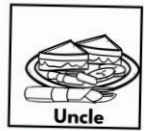
Letters: M I

The person did not order a:

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

Clue #2: Error Analysis

Check each person's work. Put a check or an X next to each answer.



☒ $10-5=5$

☒ $13-4=10$

☒ $20-8=12$

☒ $7-3=4$

☒ $9-6=2$



☒ $18-9=8$

☒ $5-2=2$

☒ $14-6=8$

☒ $9-5=4$

☒ $11-7=3$



☒ $19-7=12$

☒ $7-3=5$

☒ $12-4=8$

☒ $16-9=7$

☒ $8-6=2$

The person with the most correct answers is NOT missing their dinner.

Clue #3: Detective Report

had been open for $5+4$ years and was the most popular place to eat in town.
7 items on their menu, including $3+16$ appetizers and

restaurant to review its food and ordered
ad, and a pizza with $11+8$ about the food and left the Red

| | | |
|-----|------|------|
| A=1 | J=10 | S=19 |
| B=2 | K=11 | T=20 |
| C=3 | L=12 | U=21 |
| D=4 | M=13 | V=22 |
| E=5 | N=14 | W=23 |
| F=6 | O=15 | X=24 |
| G=7 | P=16 | Y=25 |
| H=8 | Q=17 | Z=26 |
| I=9 | R=18 | |

- Version 1:
Addition & Subtraction Facts
- Version 2:
Multiplication & Division Facts

All clues focus on reviewing math facts!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Picture Decoder
Which number is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
The Red Restaurant had been open for 5×7^{35} years and was the most popular place to eat in town.

3 Clue Version

They had ordered 8×6^4 and 4×9^3 pepperonis. The Red Restaurant will be open for more than 5×6^{30} more years.

The order that is missing comes with:

$40 \div 8 = 5$ $30 \div 5 = 6$ $35 \div 7 = 5$ $48 \div 6 = 8$

U T E N S I L S

Solve each question. Write the answer above each equation.
Then, use the decoder to figure out the message.

14=S 36=T
6=S 80=E
40=U 48=L
35=I 30=N

Clue #1: Picture Decoder
Which number is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the number that is smaller in each pair.
The Red Restaurant had been open for 234 or 243 years and was the most popular place to eat in town.

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

Clue #5: Descrambler

5 Clue Version

The person who is missing their food did not order any:

L E T T U C E

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: 8 35 64 90 24 15 20 35 63

Letters: **M I L K S H A**

The person did not order a:

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: 8 35 64 90 24 15 20 35 63

Letters: **M I L K S H A K E**

The person did not order a:

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

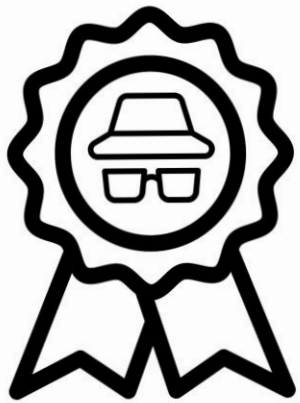
| | | | | |
|-----|-----|-----|-----|-----|
| A = | G = | M = | S = | Y = |
| B = | H = | N = | T = | Z = |
| C = | I = | O = | U = | |
| D = | J = | P = | V = | |
| E = | K = | Q = | W = | |
| F = | L = | R = | X = | |

Short & Long Options

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

You solved the mystery!

11/2

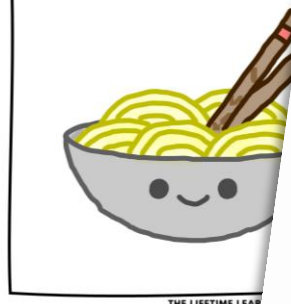
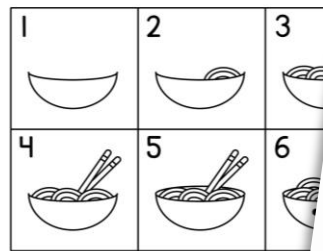
Date

AW

Presented by:

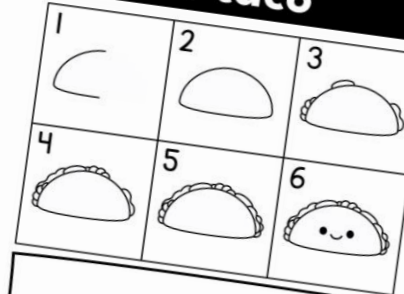
LET'S DRAW...

noodles



LET'S DRAW...

a taco



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
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: The Menu
Put the correct answer in each box. Then, read the box at the bottom.

| MENU | | |
|------------------------|------------------------|-------------------------|
| 11-6 5 P | 17-5 12 I | 14-3 11 Z |
| LUNCH | | |
| 9-5 4 U | 10-1 9 S | 7-4 3 R |

| DINNER | | |
|-------------------------|-------------|-------------------------|
| 20-6 14 A | 16-8 8 C | 8-1 7 B |
| DESSERT | | |
| 15-2 13 T | 13-7 6 E | 14-4 15 A |

Cross out the boxes with the following answers:
• 5 • 14 • 9
• 4 • 11 • 13
• 3 • 7 • 15
The letters that are left will reveal a message.

The person did order: ice

THE LIFETIME LEARNER

This can be used in
partners, small
groups with the
teacher, table
groups, centers, and
more!

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
Which number is bigger in each pair? Write it on the line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the number that is smaller in each pair.
The Red Restaurant had been open for 34 or 43 years and was the most popular place to eat in town.

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

Clue #5: Descrambler
Place the correct letter on top of each matching answer.

The person who is missing their food did not order any:
L E T T U C E

The Detective Agency sends congratulations to:

Lindsay
You solved the mystery!

11/2 Date AW Presented by:

LET'S DRAW...
noodles

1 2 3
4 5 6

THE LIFETIME LEARNER

LET'S DRAW...
a taco

1 2 3
4 5 6

THE LIFETIME LEARNER

Whose Food Is Missing?
Solve the clues to figure out whose food has not come out from the kitchen yet.

Aunt's Order Uncle's Order Mom's Order Dad's Order

Brother's Order Sister's Order Grandma's Order Grandpa's Order

Name: _____

solve the mystery

The Case of the Missing Dinner

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: Fill in the Blank

| | | | | | |
|-------|-------|---------|--------|---------|--------|
| bring | ate | ordered | serves | decided | sipped |
| chew | bite | sips | shares | bit | eat |
| les | serve | brought | order | missing | |

Find the missing verb above. Then write the word in italics in each box.

Word: *the* The chef saw a spoon was *did* She *with* a bowl of soup.

The water *missing* menus to us. We *not* order a pizza. He *a* into the juicy burger.

The kids *order* a plate of fries. The waitress *come* us dessert. The thirsty kids *burger* their drinks.

When you are done, read the words in order from top to bottom in each row to figure out the clue.

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.

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 64 | 8 | 20 | 40 | 35 | 24 | 63 | 90 | 15 |
| 8 | 35 | 64 | 90 | 24 | 15 | 20 | 35 | 63 |
| 4x2 | 5x7 | 8x8 | 9x0 | 6x4 | 3x5 | 2x0 | 5x8 | 7x9 |
| M | I | L | K | S | H | A | K | E |

The person did not order a:

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!

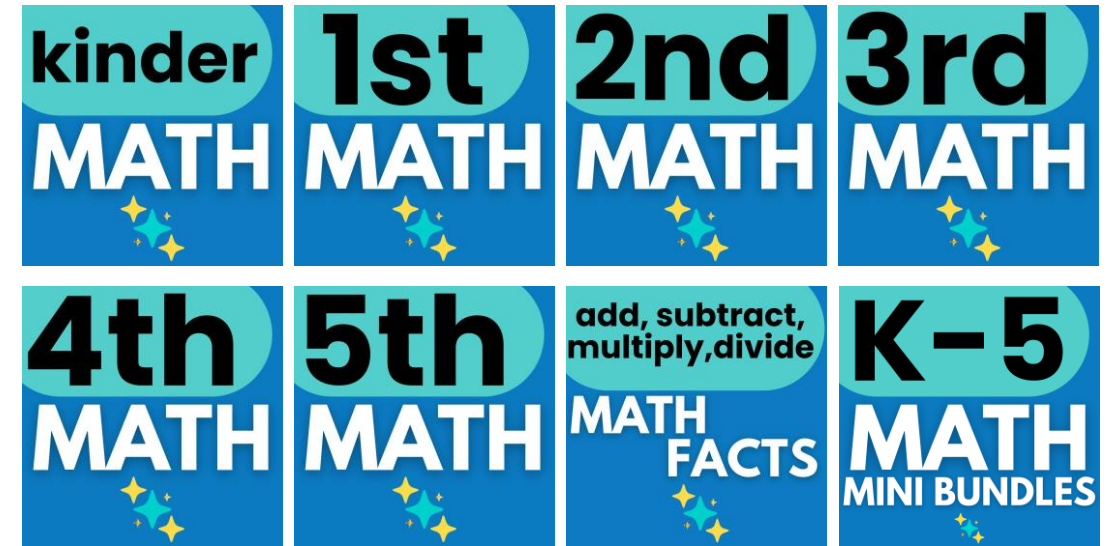
GRAB A **READING MYSTERY**:

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!

