

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.

| MENU | | DINNER | |
|------|-----|--------|-----|
| 285 | 258 | 317 | 317 |
| 481 | 498 | 751 | 75 |
| 909 | 909 | 220 | 202 |

Clue #5: Descrambler

Put the numbers in order from biggest to smallest on the lines below.

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

Write the numbers in order from biggest to smallest on the lines.

Write the letter that goes with each number in the boxes.

L E T T U C E

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

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.

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | |
| 821 | 163 | 228 | 139 | 532 | 610 | 373 | 732 | 468 |

Answers: 163 532 821 139 610 468 228 732 373

Letters: M I L K S H A K E

The person did not order a:

| | | | | |
|-----|-----|-----|-----|-----|
| 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 = | |

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

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

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.



821 163 228

Answers: 163 532 821

One hundred sixty-three or one hundred thirty-nine Five hundred thirty-two or three hundred eleven Four six eight

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 #3: Detective Report

Circle the number that is smaller in each pair.

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

restaurant to review its food and ordered

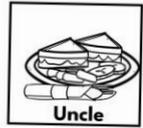
ad, and a pizza with 666 or 333

about the food and left the Red

333=S 536=T
748=S 487=E
366=U 119=L
234=I 190=N

Clue #2: Error Analysis

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



| | | |
|--|---|---|
| <input checked="" type="checkbox"/> 899 < 890 | <input checked="" type="checkbox"/> 420 < 402 | <input checked="" type="checkbox"/> 707 < 770 |
| <input checked="" type="checkbox"/> 1000 > 110 | <input checked="" type="checkbox"/> 316 > 316 | <input checked="" type="checkbox"/> 413 < 341 |
| <input checked="" type="checkbox"/> 345 = 445 | <input checked="" type="checkbox"/> 889 = 898 | <input checked="" type="checkbox"/> 958 = 958 |
| <input checked="" type="checkbox"/> 717 < 771 | <input checked="" type="checkbox"/> 228 < 822 | <input checked="" type="checkbox"/> 633 > 363 |
| <input checked="" type="checkbox"/> 285 > 258 | <input checked="" type="checkbox"/> 519 = 519 | <input checked="" type="checkbox"/> 521 = 521 |

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

- Compare 3 Digit Numbers
- Restaurant-Themed!
- Error Analysis Practice

All clues focus on comparing 3 digit numbers!

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
Circle the number that is smaller in each pair.

3 Clue Version

The Red Restaurant had been open for 234 or 243 years and was the most popular place to eat in town.

They had 190 or 119 pepperonis and ordered 536 or 636 the Red Restaurant or even with 333 or 333 and ordered 333=S 536=T
Red Restaurant will be open for more than 190 or 910 more years. 748=S 487=E
The order that is missing comes with: 366=U 119=L
234=I 190=N

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

U T E N S I L S

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.

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

Clue #5: Descrambler

9+60+500 569 I 894 T 757 C
200+6+30 236 G 894 T 757 C
50+700+7 894 T 757 C

5 Clue Version

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

Write the numbers in order from biggest to smallest on the lines: 983 894 757 569 346 236 124

Write the letter that goes with each number in the boxes: L E T T U C E

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.

821 163 228 139 532 610 373 732 468

Answers: 163 532 821 139 610 468 228 732 373

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.

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.

821 163 228 139 532 610 373 732 468

Answers: 163

Letters: M

The person did not order a:

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

Short & Long Options

MATH FACT VERSION!



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: _____

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: $16 \div 2 = 8$, $11 \div 3 = 3$, $3 \div 2 = 1$, $12 \div 5 = 2$, $18 \div 10 = 1$, $15 \div 3 = 5$, $13 \div 7 = 1$, $9 \div 4 = 2$

Letters: M I L K S H A K

The person did not order a: S

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.

Uncle: $10-5=5$, $13-4=10$, $20-8=12$

Grandma: $18-9=8$, $5-2=2$, $14-6=8$

Grandpa: $19-7=12$, $7-3=5$, $12-4=8$

Clue #4: The Menu

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

| | | | |
|-----------------|------------------|------------------|------------------|
| MENU | | DINNER | |
| $11-6 = 5$ P | $17-5 = 12$ L | $20-6 = 14$ A | $16-8 = 8$ C |
| LUNCH | | DESSERT | |
| $9-5 = 4$ U | $10-1 = 9$ S | $13-7 = 6$ E | $19-4 = 15$ 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

Clue #3: Detective Report

The Red Restaurant had been open for $5+4 = 9$ years and was the most popular place to eat in town. They had over $14+7 = 21$ items on their menu, including $3+16 = 19$ appetizers and $10+2 = 12$ desserts. A local restaurant critic went to the Red Restaurant to review its food and ordered $7+3 = 10$ items. The critic tried delicious garlic knots, a house salad, and a pizza with $11+8 = 19$ toppings. By the end of the meal, the restaurant critic was raving about the food and left the Red Restaurant a review with $2+3 = 5$ stars online. Everyone hopes the restaurant will be open for more than $8+6 = 14$ more years.

Order that is missing comes with: 21 20 19 14 10 9 7 6

| | | |
|-----|------|------|
| 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 |
| | O=15 | X=24 |
| | P=16 | Y=25 |
| | Q=17 | Z=26 |
| | R=18 | |

Clue #5: Descrambler

Place the correct letter on top of each matching answer.

14-6 = 8 (T)

8-2 = 6 (C)

12+4 = 16 (T)

3+7 = 10 (L)

15-8 = 7 (E)

11-8 = 3 (U)

13+5 = 18 (E)

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

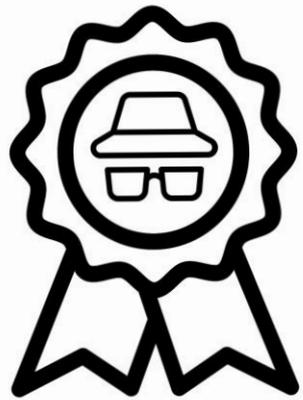
Same clues. Same mystery. Different math!

There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



Lindsay

You solved the mystery!

11/2

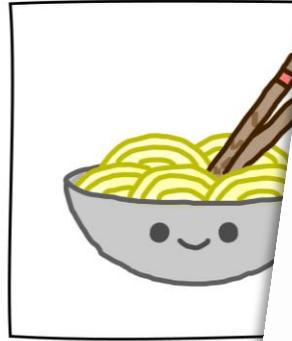
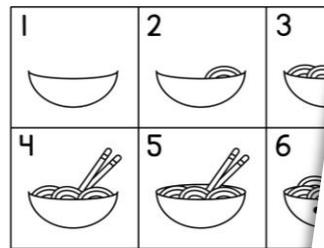
Date

AW

Presented by:

LET'S DRAW...

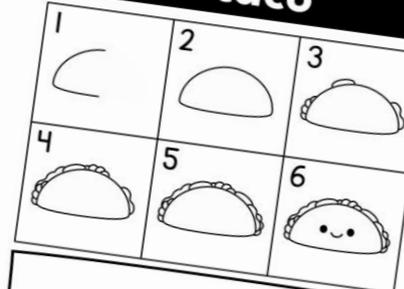
noodles



THE LIFETIME LEARNER

LET'S DRAW...

a taco



THE LIFETIME LEARNER

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 Menu
Put the correct symbol in each box. Then, read the box at the bottom.

| MENU | | |
|---|---|---|
| 285 <input checked="" type="checkbox"/> 258 X P | 317 <input type="checkbox"/> 317 I | 489 <input checked="" type="checkbox"/> 498 X Z |
| LUNCH | | |
| 834 <input checked="" type="checkbox"/> 843 X U | 262 <input checked="" type="checkbox"/> 226 X S | 918 <input checked="" type="checkbox"/> 981 X R |

| DINNER | | |
|---|---------------------------------------|---|
| 751 <input checked="" type="checkbox"/> 715 X A | 909 <input type="checkbox"/> 909 C | 220 <input checked="" type="checkbox"/> 202 X B |
| DESSERT | | |
| 397 <input checked="" type="checkbox"/> 379 X T | 528 <input type="checkbox"/> 528 E | 674 <input checked="" type="checkbox"/> 746 X A |

Cross out the boxes with the following answers:
> or <
The letters that are left will reveal a message.

The person did order:
ice

THE LIFETIME LEARNER

In 2nd 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
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.

| MENU | DINNER |
|---------------------|---------------------|
| $9+60+500$ 569 T | $200+6+30$ 236 C |
| $900+80+3$ 983 L | $4+90+800$ 894 E |
| $40+6+300$ U 346 | $20+100+4$ 124 E |

Clue #5: Descrambler
Put the numbers in order from biggest to smallest on the lines below.
The person who is missing their food did not order any:
Write the numbers in order from biggest to smallest on the lines. 983 894 757 569 346 236 124
Write the letter that goes with each number in the boxes. L E T T U C E

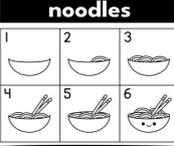
The Detective Agency sends congratulations to:



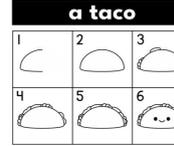
Lindsay
You solved the mystery!

11/2 Date *AW* Presented by:

LET'S DRAW...
noodles



LET'S DRAW...
a taco

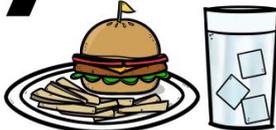


Whose Food Is Missing?
Solve the clues to figure out whose food has not come out from the kitchen yet.

| | | | |
|----------------------------|---------------------------|----------------------------|----------------------------|
| 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

Word: Find the matching picture that shows the NEW word above. Then write the word in each box.

| | | | | | |
|---------|---------|--------|------|---------|--------|
| - cake | the | - door | did | - lip | with |
| - house | missing | - bean | not | - brush | a |
| - fly | order | - fish | come | - chair | burger |

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

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.

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 821 | 163 | 228 | 139 | 532 | 610 | 373 | 732 | 468 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|

rs: **163** **532** **821** **139** **610** **468** **228** **732** **373**

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

The person did not order a:

| | | | | |
|-------|-------|-------|-------|-------|
| 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 = 🍌 | |

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

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!**

