

2ND & 3RD GRADE MATH BUNDLE

Magical Mysteries



Magical Mysteries

THE CASE OF THE PIZZA PARLOR PUZZLE

SUSPECT LIST

Manry Mazerella

CONFIDENTIAL TOP SECRET

2nd-3rd Grade

Fractions

Magical Mysteries

THE CASE OF THE MISSING PENCIL

SUSPECT LIST

Larry the Librarian

Tim the Tutor

CONFIDENTIAL TOP SECRET

Add & Subtract to 20, 100, & 1,000

Magical Mysteries

THE MYSTERY IN PATTERN PALACE

SUSPECT LIST

Baker Bumble

Sir Whiskers

Lumin

The Twirly Twins

CONFIDENTIAL TOP SECRET

Click to select your difficulty level.

Amateur Investigator Seasoned Sleuth Expert Detective

Number & Shape Patterns



MATH CHALLENGES

Variety of skills & themes!

Magical Mysteries

THE CASE OF THE MISSING PENCIL

Magical Mysteries

THE MYSTERY IN PATTERN PALACE

Magical Mysteries

THE CASE OF THE PIZZA PARLOR PUZZLE

SUSPECT LIST

& Shape Patterns

4th-5th Grade

Fractions

- The Case of the Missing Pencil
- The Mystery in Pattern Palace
- The Case of the Pizza Parlor Puzzle



Add &



2 VERSIONS

Clue #1
Question 3

| Letter | Shape | Letter | Shape |
|--------|-------|--------|-------|
| A | △ | N | ○ |
| B | △ | O | ∟ |
| C | ∟ | P | ○ |
| D | ∟ | Q | □ |
| E | ○ | R | ∟ |
| F | ∟ | S | ∟ |
| G | □ | T | □ |
| H | + | U | ∟ |
| I | ○ | V | △ |
| J | □ | W | ☆ |
| K | △ | X | □ |
| L | ○ | Y | ○ |
| M | □ | Z | ∟ |

Decoder

Letter T

What does the first clue spell?
Use the clue to cross off a suspect on the Suspect List tab.

O T

Continue

Pattern Palace
Clue #1 - Level 1

Pattern Palace
Clue #2 - Level 2

Pattern Palace
Clue #3 - Level 3

Pattern Palace
Clue #4 - Level 1

Directions: Solve each number sequence. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

| Sequence | Answer | Letter |
|-----------------------------|--------|--------|
| 51, 43, ____, 27, 19 | | |
| 123, ____, 113, 108, 103 | | |
| __, 677, 675, 673, 671 | | |
| 564, 554, 544, 534, __ | | |
| 802, ____, 796, 793, 790 | | |
| 237, 217, 197, ____, 157 | | |
| 79, ____, 71, 67, 63, 59 | | |
| 535, 435, 335, 235, 135, __ | | |

Decoding Key

| | |
|-----------|---------|
| 779 = A | 35 = N |
| 1,000 = B | 118 = O |
| 19 = C | 160 = P |
| 64 = D | 17 = Q |
| 88 = E | |



Your First Clue:
Write down the letters you found in the order you solved them.
What does it spell? Use the clue...

Print

Webscape™



2 VERSIONS

| | PDF  | MagiCore Web™  |
|-----------------|---|---|
| Format Type | Printable | Digital |
| Device | N/A | Any Device |
| Required Prep | Print & Go | Zero Prep |
| Student Answers | Printable Answer Pamphlet | In MagiCore Web |
| Self Correcting | Includes Answer Key | Self Correcting |
| Custom Videos | QR Codes | Embedded |
| Audio Readings | N/A | Contains Audio Readings |
| Navigation | N/A | Automatically Advancing |
| Extras | Printable "Case File" | Interactive Animation |

• Print

• MagiCore Web
(Our most
immersive
experience)



4 Math Challenges in each Resources

Uncover clues by solving math problems

Challenges available on differentiated levels

Name: _____

The Case of the Missing Pencil

Clue #2

Directions: Solve each subtraction problem. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the answer.

| Problem | Answer |
|-------------|--------|
| $14 - 5 =$ | |
| $17 - 9 =$ | |
| $15 - 4 =$ | |
| $19 - 9 =$ | |
| $16 - 15 =$ | |
| $11 - 4 =$ | |
| $18 - 6 =$ | |
| $12 - 18 =$ | |

Name: _____

The Case of the Missing Pencil

Clue #1

Directions: Solve each addition problem. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

| Problem | Answer | Letter |
|------------|--------|--------|
| $9 + 4 =$ | | |
| $8 + 7 =$ | | |
| $10 + 4 =$ | | |
| $6 + 8 =$ | | |
| $4 + 3 =$ | | |
| $7 + 3 =$ | | |

Decoding Key

| | |
|--------|--------|
| 4 = A | 13 = N |
| 2 = B | 15 = O |
| 3 = C | 30 = P |
| 40 = D | 17 = Q |
| 16 = E | 18 = R |
| 12 = F | 20 = S |
| 27 = G | |

Your First Clue:
Write down the letters you found in the order you solved the problems.
What does it spell? Use the clue to cross off a suspect.



ENGAGING VIDEOS

the Missing Pencil
Clue #3

Clue #1

After solving, find the letter that corresponds to the answer

Directions: Solve each subtraction problem. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

Date: _____

the Missing Pencil
Clue #2

After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

| Answer | Letter |
|--------|--------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Name: _____
The Case of the Missing Pencil
Directions: Solve each subtraction problem. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

| Problem |
|-------------|
| $89 - 27 =$ |
| $91 - 48 =$ |
| $47 - 18 =$ |
| $23 =$ |
| $76 -$ |

- Decoding Key
- 39 = A
 - 2 = B
 - 3 = C
 - 4 = D
 - 100 = E
 - 82 = F
 - 7 = G
 - 48 = H
 - 88 = I
 - 10 = J
 - 11 = K



Videos tell an engaging story

Name: _____ Date: _____
The Case of the Missing Pencil

Date: _____
the Missing Pencil
Clue #3

After solving, find the letter that corresponds to the answer in the Decoding Key below.





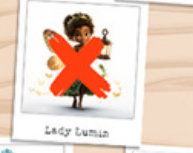
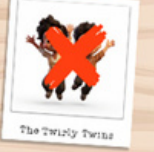

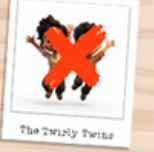
ELIMINATE SUSPECTS



ght, my dress delights,
e cause of silent
les. here to

Unlock clues to eliminate suspects

Review the clues. Who is responsible for the echo's silence?
Drag the photo of the culprit into the folder.

| | | | |
|---|---|----------------------|------------------------|
|  Baker Bumble |  Sir Whiskers | Clue #1 Not sir | Clue #2 not marbles |
|  Lady Lumin |  The Twisty Twins | Clue #3 not twins | Clue #4 not lumin |
|  Madame Marbles |  The Twisty Twins | | |

Dear detectives, I must confess my blunder. In the sweet whirl of pastries, I made a thunder. Excitement took over, and I lost my way, piled flour bags high, where the echo lay. The Enchanted Echo's silence, it was me who stole, but now, I'll clear the path and make it whole.

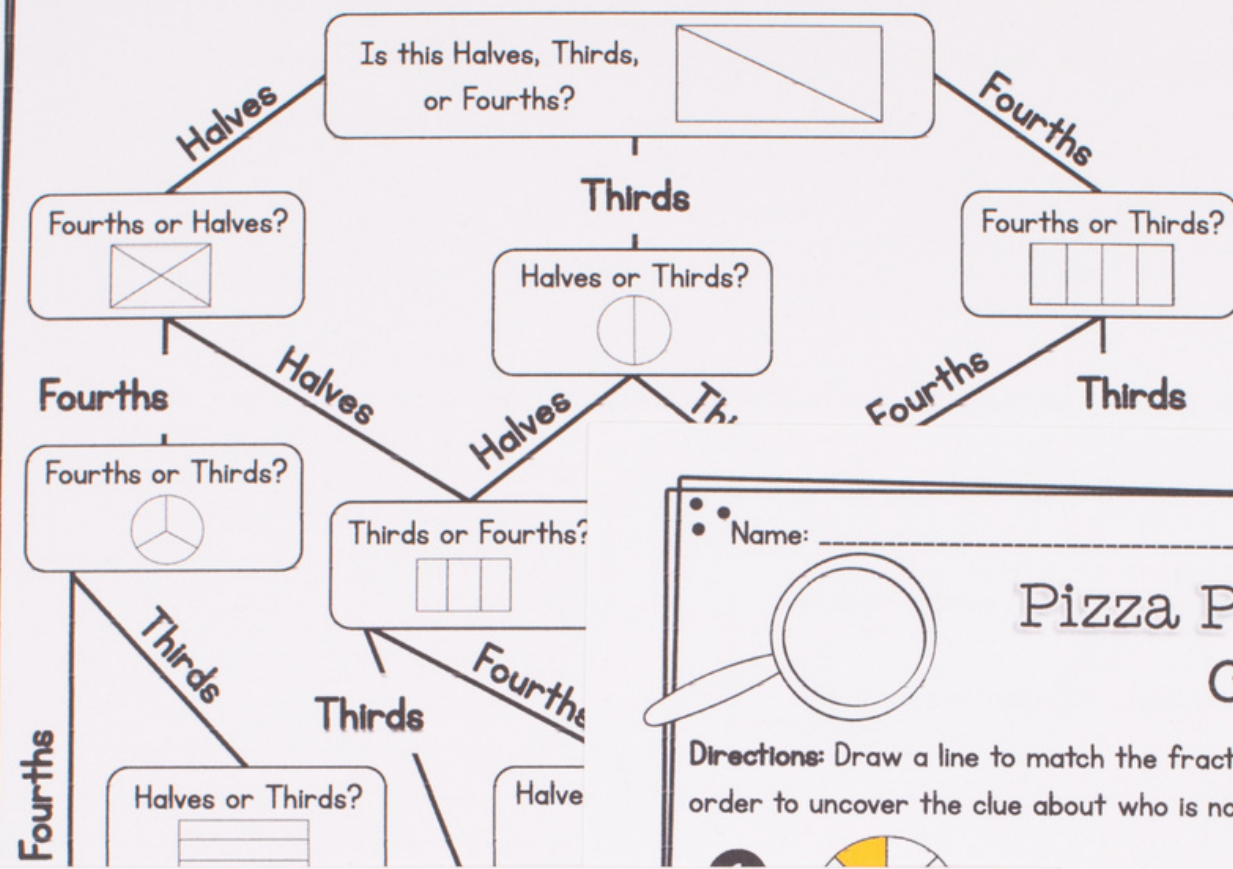
© Julie Behm



PRINT

- Certificate of completion
- Suspect cards with video linked
- QR codes
- Low prep
- Hands on clue decoding

Directions: Follow the path on the question tree. Every time you answer one of the questions, follow the path of your answer to lead you to the next question. Follow the answers all the way to find out which suspect you can eliminate.



Pizza Parlor Puzzle Clue #2

Follow the path on the question tree. Look at the image. Decide which path of the right answer. It will lead you to the next question to find out which suspect you can eliminate.

What Fraction is shaded?



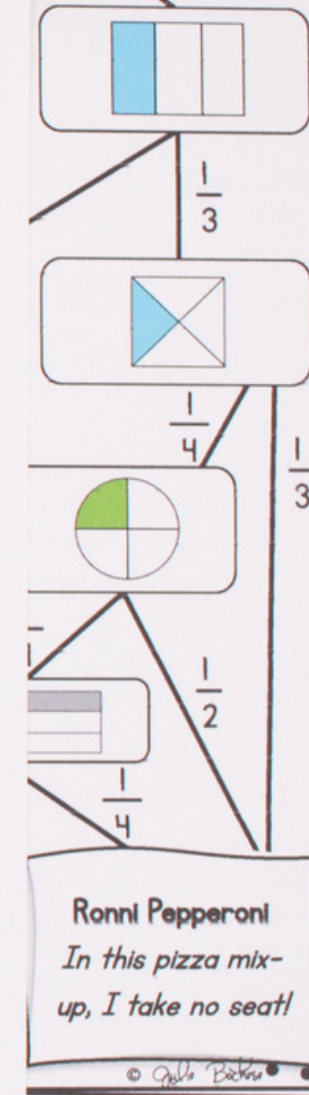
$\frac{1}{2}$

Name: _____ Date: _____

Pizza Parlor Puzzle Clue #3

Directions: Draw a line to match the fraction to its equivalent. Place the letters in the correct order to uncover the clue about who is no longer a suspect!

- O $\frac{1}{4}$
- I $\frac{4}{6}$
- O $\frac{3}{4}$
- N $\frac{2}{4}$
- R $\frac{2}{8}$
- N $\frac{2}{3}$
- N $\frac{1}{8}$
- T $\frac{3}{6}$



Ronni Pepperoni
In this pizza mix-up, I take no seat!

Name: _____ Date: _____

Pizza Parlor Puzzle Clue #4

Complete the number sentence comparing the two fractions by filling in the correct symbol (< or >). Whichever fraction is greater, that is the letter you will use. Place the letters in the correct order to uncover the clue about who is no longer a suspect!

2 (L) $\frac{2}{5}$ $>$ (P) $\frac{2}{6}$ (O) $\frac{3}{4}$ (M) $\frac{2}{6}$ $>$ (T) $\frac{3}{6}$

5 (R) $\frac{1}{8}$ $>$ (L) $\frac{7}{8}$ (I) $\frac{5}{8}$ (A) $\frac{4}{10}$ $>$ (I) $\frac{3}{5}$



WEBSCAPE™

- Most interactive experience
- Self correcting
- Read aloud audio option
- Videos integrated
- Animations & sound effects
- Simple navigation

Directions: Solve each number sequence. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

| Sequence |
|---------------------------|
| 448, 112, ____, 7 |
| 10, 935, 1, 215, 135, ___ |
| 4, 459, 637, 91, ___ |
| ___, 104, 832, 6, 656 |
| 22, 110, ____, 2, 750 |
| 6, 480, 1, 080, ____, 30 |
| 7, 14, ____, 56, 112 |
| 6, 48, ____, 3, 072 |

| Decoding Key | |
|--------------|---------|
| 779 = A | 28 = N |
| 1,000 = B | 15 = O |
| 19 = C | 160 = P |
| 64 = D | 17 = Q |
| 88 = E | 480 = R |
| 6 = F | 384 = S |
| 427 = G | 13 = T |
| 308 = H | 78 = U |
| 75 = I | 40 = V |
| 42 = J | 550 = W |
| 34 = K | 849 = X |
| 524 = L | 248 = Y |
| 177 = M | 25 = Z |

Your First Clue
Write down the letter you find.
What does it spell?

Pattern Palace Clue #3 - Level 3

Name: _____ Date: _____
**Pattern Palace
Clue #4 - Level 1**
Directions: Solve each number sequence. After solving, find the letter that corresponds to the answer in the Decoding Key below. Write down each letter to reveal the first clue!

| Sequence |
|------------------------------|
| 51, 43, ____, 27, 19 |
| 123, ____, 113, 108, 103 |
| ___, 677, 675, 673, 671 |
| 564, 554, 544, 534, ___ |
| 802, ____, 796, 793, 790 |
| 237, 217, 197, ____, 157 |
| 79, ____, 71, 67, 63, 59 |
| 535, 435, 335, 235, 135, ___ |

| Decoding Key | |
|--------------|---------|
| 779 = A | 35 = N |
| 1,000 = B | 118 = O |
| 19 = C | 160 = P |
| 64 = D | 17 = Q |
| 88 = E | 480 = R |
| 6 = F | 384 = S |
| 427 = G | 679 = T |
| 308 = H | 799 = U |
| 75 = I | 40 = V |
| 42 = J | 550 = W |
| 34 = K | 849 = X |
| 524 = L | 248 = Y |
| 177 = M | 25 = Z |

Your First Clue
Write down the letters you find.
What does it spell? Use the Decoder.

| Letter | Shape | Letter | Shape |
|--------|-------|--------|-------|
| A | 779 | N | 35 |
| B | 1,000 | O | 118 |
| C | 19 | P | 160 |
| D | 64 | Q | 17 |
| E | 88 | R | 480 |
| F | 6 | S | 384 |
| G | 427 | T | 679 |
| H | 308 | U | 799 |
| I | 75 | V | 40 |
| J | 42 | W | 550 |
| K | 34 | X | 849 |
| L | 524 | Y | 248 |
| M | 177 | Z | 25 |

Clue #4

Letter _____ Letter _____

1. 7, 19 n 5. 802, , 796, 793, 790

2. 103 o 6. 237, 217, 197, , 157

3, 671 t 7. 79, , 71, 67, 63, 59

533 8. 435, 335, 235, 135,

What does the final clue spell?
to cross off a suspect on the Suspect List tab.

t _____

