

# 4TH & 5TH GRADE MATH BUNDLE

# Magical Mysteries

Magical Mysteries

## MULTIPLICATION MAYHEM AT MATHMAGICA ACADEMY

**SUSPECT LIST**

- Max the Multiplier
- Diana the Di

CONFIDENTIAL TOP SECRET

Click to select your difficulty level.

- Amateur Investigator
- Seasoned Sleuth
- Expert Detective

Number & Shape

Multiply to 100 & 1,000

Magical Mysteries

## THE CASE OF THE PIZZA PARLOR PUZZLE

**SUSPECT LIST**

- Manny Mozerella

CONFIDENTIAL TOP SECRET

4th-5th Grade

Fractions

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



# MATH CHALLENGES

Variety of skills & themes!

Magical Mysteries

MULTIPLICATION MAYHEM AT MATHMAGICA ACADEMY

Magical Mysteries

THE MYSTERY IN PATTERN PALACE

Magical Mysteries

THE CASE OF THE PIZZA PARLOR PUZZLE

SUSPECT LIST

& Shape Patterns

4th-5th Grade

Fractions

- Multiplication Mayhem at Mathmagica Academy
- The Mystery in Pattern Palace
- The Case of the Pizza Parlor Puzzle

Magi CORE

Magi CORE

Magi CORE

# 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    18 = R



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

Print

Webescape™



# 2 VERSIONS

	<b>PDF</b> 	<b>MagiCore Web™</b> 
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

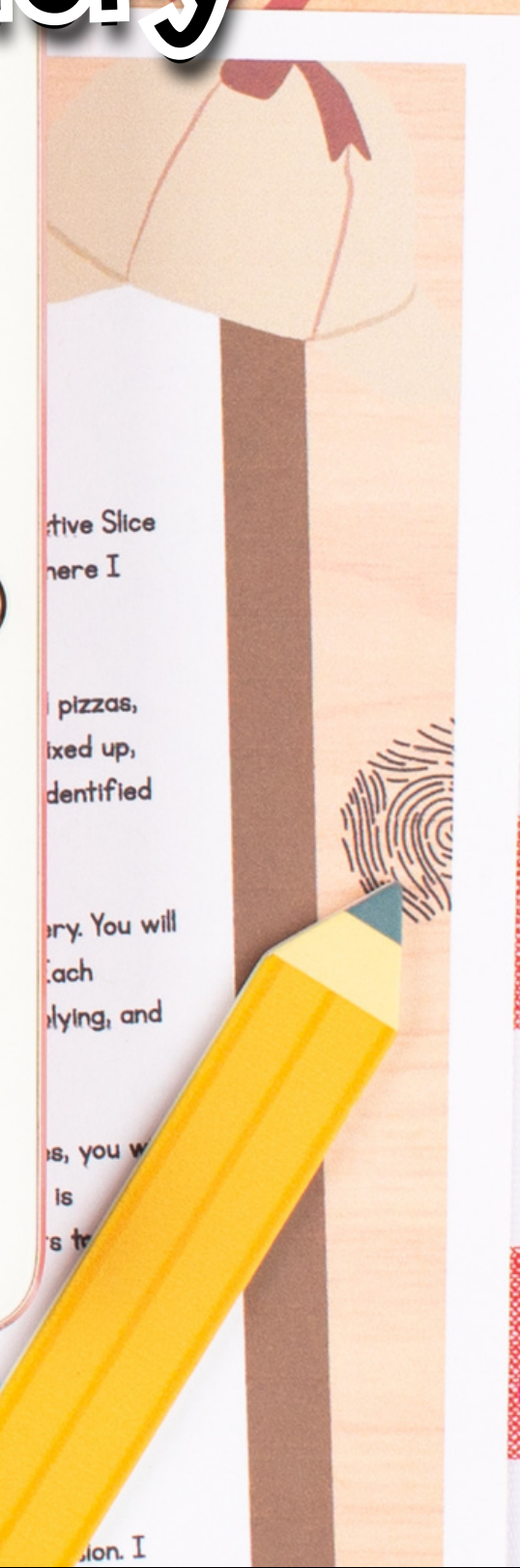
Uncover clues by solving math problems

Challenges available on differentiated levels



# ENGAGING VIDEOS

Videos tell an engaging story



Your understanding of fractions and your problem-solving skills are vital to this... only will you help save the pizza festival, but you'll also ensure that "Perfect P... continues to spread joy in Crustville.



# 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
 Lady Lumin	 Madame Marbles
 The Twisty Twins	

Clue #1  
Not sir

Clue #2  
not marbles

Clue #3  
not twins

Clue #4  
not lumin

Lady Lumin  
tly glow  
e pala

Baker Bumble

Madame Marbles

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

Unlock clues to  
eliminate  
suspects

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 take it whole.

© Julie Behm



# PRINT

- Certificate of completion

- Suspect cards

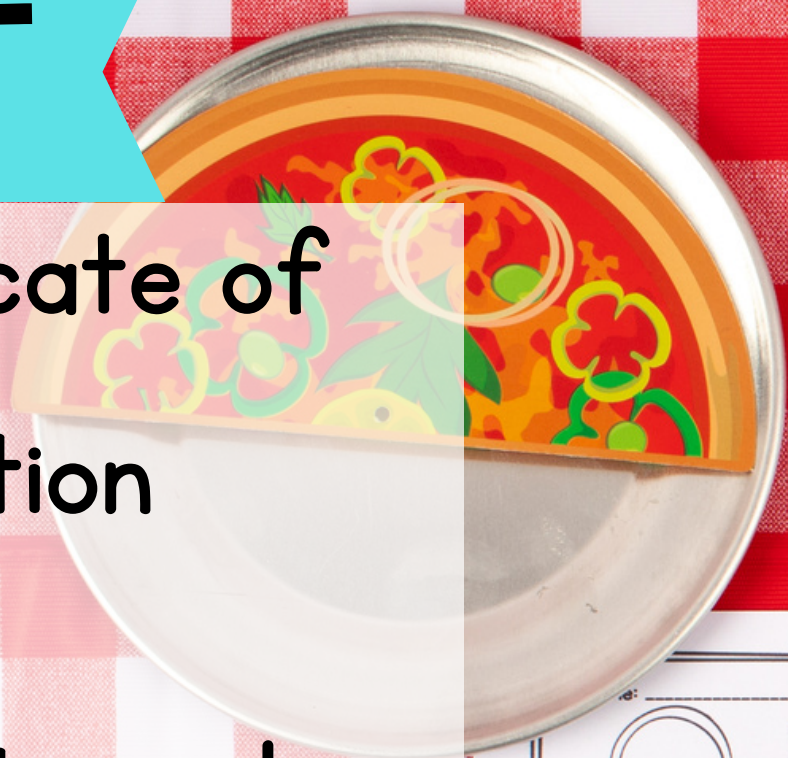
with video linked

QR codes

- Low prep

- Hands on clue

decoding



**Pizza Parlor Puzzle Clue #1**

Directions: Solve each addition fraction 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
$\frac{1}{4} + \frac{2}{4}$		
$\frac{2}{7} + \frac{6}{10}$		
$\frac{3}{8} + \frac{3}{5}$		
$\frac{2}{12} + \frac{2}{2}$		

Problem	Answer	Letter
$\frac{3}{5} + \frac{1}{5}$		
$\frac{1}{4} + \frac{6}{8}$		
$\frac{1}{6} + \frac{6}{11}$		
$\frac{2}{5} + \frac{2}{5}$		

**Decoding Key**

$\frac{5}{5} = A$	$\frac{6}{16} = I$	$\frac{6}{6} = O$	$\frac{4}{4} = Y$
$\frac{3}{6} = B$	$\frac{2}{7} = J$	$1 = R$	$2 = Z$
$\frac{1}{1} = C$	$\frac{1}{1} = K$	$4 = S$	
$\frac{19}{29} = L$	$\frac{39}{40} = T$	$2 = U$	
$\frac{23}{34} = F$	$\frac{3}{4} = N$	$\frac{55}{55} = V$	
$\frac{5}{5} = G$	$\frac{31}{35} = O$	$\frac{7}{83} = W$	
		$\frac{2}{5} = X$	

**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.

**Pizza Parlor Puzzle Clue #2**

Directions: Solve each subtraction fraction 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
$\frac{1}{3}$		
$\frac{10}{20}$		
$\frac{6}{20}$		
$\frac{1}{5}$		

**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.

**Pizza Parlor Puzzle Clue #3**

Directions: Solve each addition or 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	Answer	Letter
$10\frac{5}{6} - 5\frac{1}{6}$		
$19\frac{11}{12} - 8\frac{4}{12}$		
$20\frac{9}{12} - 9\frac{2}{12}$		
$14\frac{4}{10} - 13\frac{1}{3}$		

**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.

**Pizza Parlor Puzzle Clue #4**

6. A rose in Edwin's garden is  $\frac{1}{2}$  of a foot tall. One week later, it is  $\frac{3}{4}$  of a foot tall. How much taller is the rose in one week?

A rose weighs  $\frac{1}{3}$  of a pound. The brown goose weighs  $\frac{4}{11}$  of a pound. How much heavier is the brown goose than the black goose?

The students do experiments for  $\frac{2}{6}$  of an hour and spend  $\frac{1}{6}$  of an hour cleaning up. How much time do the students spend on experiments and cleaning up?

The green rope is  $\frac{5}{6}$  meters long. The blue rope is  $\frac{1}{2}$  meters long. How long is the blue rope?

**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.





# WEBSCAPE™

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

