

Magical Mysteries


THE CASE OF THE PIZZA PARLOR PUZZLE



FRACTIONS

2nd-3rd Grade





SUPER STUDENT
SLEUTHS NEEDED!
**Step into the Magical
World of Mysteries!**

Students won't realize they are practicing key math and problem-solving skills! They will be immersed in the storytelling with original videos, letters, and puzzles.

Learn more!



4 Math Challenges

Pizza Parlor Puzzle Clue #1

Name: _____ Date: _____

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

Name: _____ Date: _____

Directions: 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?

Pizza Parlor Puzzle Clue #3

Name: _____ Date: _____

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!

Pizza Parlor Puzzle Clue #4

Name: _____ Date: _____

Directions: 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. $\frac{2}{5}$ $\frac{2}{6}$ 3. $\frac{3}{4}$ $\frac{2}{6}$ 4. $\frac{3}{6}$ $\frac{3}{6}$

5. $\frac{1}{8}$ $\frac{7}{8}$ 6. $\frac{5}{8}$ $\frac{4}{10}$ 7. $\frac{3}{10}$ $\frac{3}{5}$

8. $\frac{1}{5}$ $\frac{1}{3}$ 9. $\frac{5}{3}$ $\frac{5}{6}$

- $\frac{1}{4}$
- $\frac{4}{4}$
- $\frac{6}{3}$
- $\frac{3}{4}$
- $\frac{2}{2}$
- $\frac{4}{4}$
- $\frac{2}{3}$
- $\frac{1}{8}$
- $\frac{3}{6}$

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

- 4 Fraction Challenges
- Differentiated on 2 levels
 - 🔍 Fraction Images
 - 🔍 Fractions as 1/b, a/b, and on a number line
 - 🔍 Equivalent Fractions
 - 🔍 Comparing Fractions
- Challenges are short
 - 🔍 1-2 Pages
 - 🔍 Each takes 10-15 minutes
- Decode a clue and eliminate a suspect

Learn more!

Be the Detective!

Unlock clues to eliminate suspects.

Once students find the culprit, they can scan the videos or use the “case file” to self-correct their work.

Learn more!

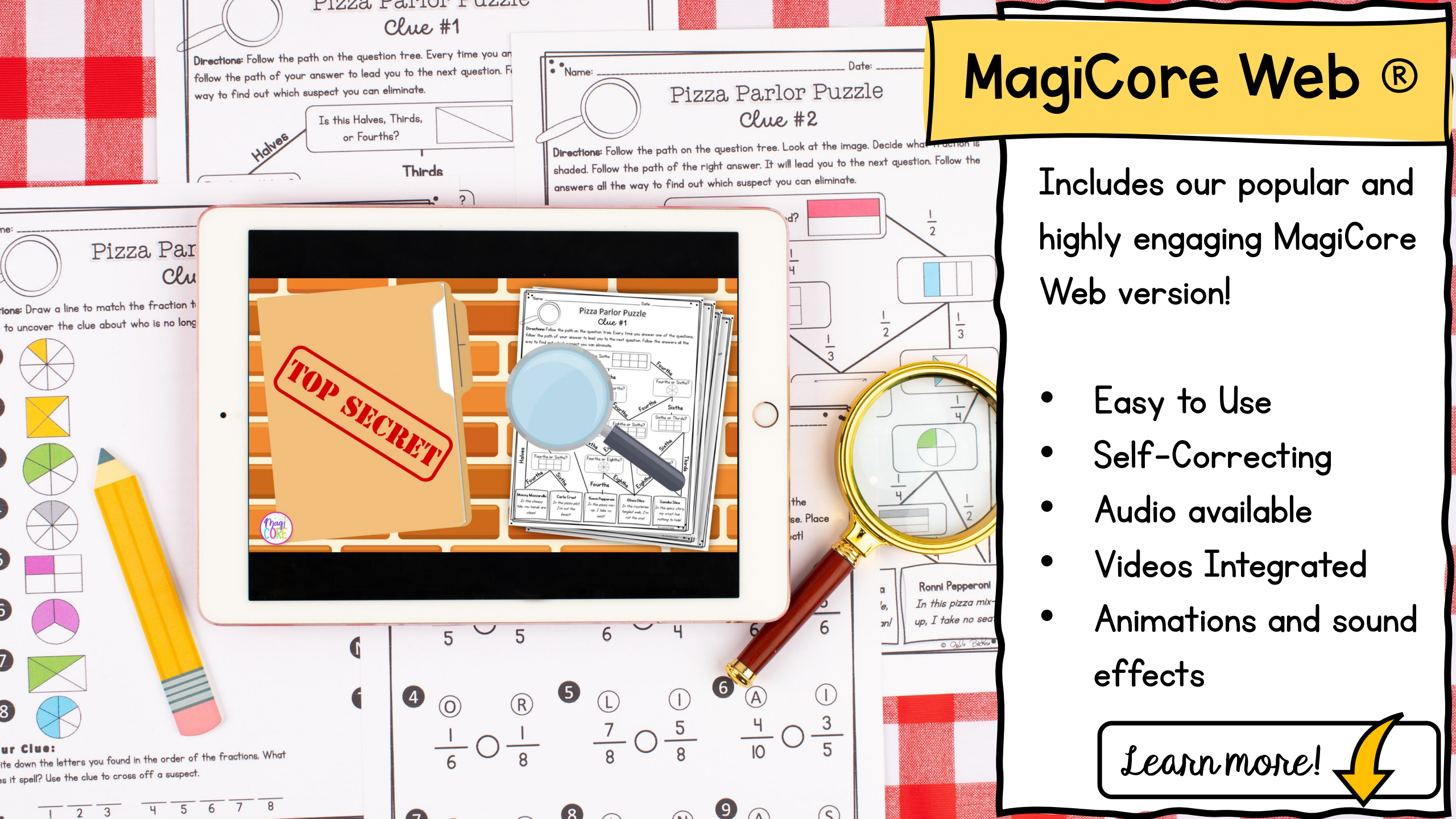




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Device	N/A	Any Device
Required Prep	Print & Go	Zero Prep
Student Answers	Printable Answer Pamphlet	In MagiCore Web
Self Correcting	Includes Answer Key	Self Correcting
Custom Videos	QR Codes	Embedded
Audio Readings	N/A	Contains Audio Readings
Navigation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

2 Versions

- Print
- MagiCore Web™
(Our most popular experience)

Learn more!



2 Levels



Name: _____ Date: _____

Pizza Parlor Puzzle Clue #1

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.

```

    graph TD
      Q1[Is this Halves, Thirds, or Fourths?] -- Halves --> Q2[Fourths or Halves?]
      Q1 -- Thirds --> Q3[Halves or Thirds?]
      Q1 -- Fourths --> Q4[Fourths or Thirds?]
      Q2 -- Halves --> Q5[Fourths or Thirds?]
      Q2 -- Fourths --> Q6[Halves or Thirds?]
      Q3 -- Halves --> Q5
      Q3 -- Thirds --> Q7[Halves or Thirds?]
      Q4 -- Fourths --> Q5
      Q4 -- Thirds --> Q7
      Q5 -- Fourths --> Q8[Halves or Thirds?]
      Q5 -- Thirds --> Q9[Halves or Thirds?]
      Q6 -- Halves --> Q8
      Q6 -- Fourths --> Q9
      Q7 -- Halves --> Q8
      Q7 -- Thirds --> Q9
  
```

Name: _____ Date: _____

Pizza Parlor Puzzle Clue #2

Directions: Follow the path on the question tree. Look at the image. Decide on the 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?

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!

```

    graph TD
      A[1/3] --- B[1/4]
      A --- C[1/3]
      B --- D[1/4]
      B --- E[1/3]
      C --- F[1/2]
      C --- G[1/4]
      D --- H[1/2]
      D --- I[1/4]
      E --- J[1/2]
      E --- K[1/4]
      F --- L[1/2]
      F --- M[1/4]
      G --- N[1/2]
      G --- O[1/4]
      H --- P[1/2]
      H --- Q[1/4]
      I --- R[1/2]
      I --- S[1/4]
  
```

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

Name: _____ Date: _____

Pizza Parlor Puzzle Clue #4

Directions: 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!

1. $\frac{3}{5} \bigcirc \frac{2}{5}$ 2. $\frac{2}{6} \bigcirc \frac{3}{4}$ 3. $\frac{2}{6} \bigcirc \frac{3}{6}$

4. $\frac{1}{6} \bigcirc \frac{1}{8}$ 5. $\frac{7}{8} \bigcirc \frac{5}{8}$ 6. $\frac{4}{10} \bigcirc \frac{3}{5}$

7. $\frac{2}{7} \bigcirc \frac{1}{2}$ 8. $\frac{5}{12} \bigcirc \frac{3}{12}$ 9. $\frac{5}{6} \bigcirc \frac{6}{8}$



Directions: Place the letters in the order of the fractions. What is off a suspect?

4 5 6 7 8



Decode Clues

Name: _____

Pizza Parlor Clue

Directions: Draw a line to match the fraction to order to uncover the clue about who is no longer...

-
-
-
-
-
-
-
-

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.

Halves

Is this Halves, Thirds, or Fourths?

Thirds

Name: _____

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.

TOP SECRET

Pizza Parlor Puzzle Clue #1

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.

Manny Mazaraki In this mystery, I'm the only one who's clean!	Carlo Crust In this pizza plot, I'm not the best!	Ronni Pepperoni In this pizza mess, I take no seat!	Olivia Olive In this mysterious tangled web, I'm not the one!	Sammy Slice In this crazy story, my crust has nothing to hide!
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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.

1/2, 1/4, 1/3, 1/4, 1/2

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

4 5 6 4 6 6

④ ① ⑤ ② ③ ④

1 1 7 5 4 3

5 7 5 4 3 5

Carla Crust

Ronni Pepperoni

Eliminate Suspects

In a shop ac



Olivia Olive

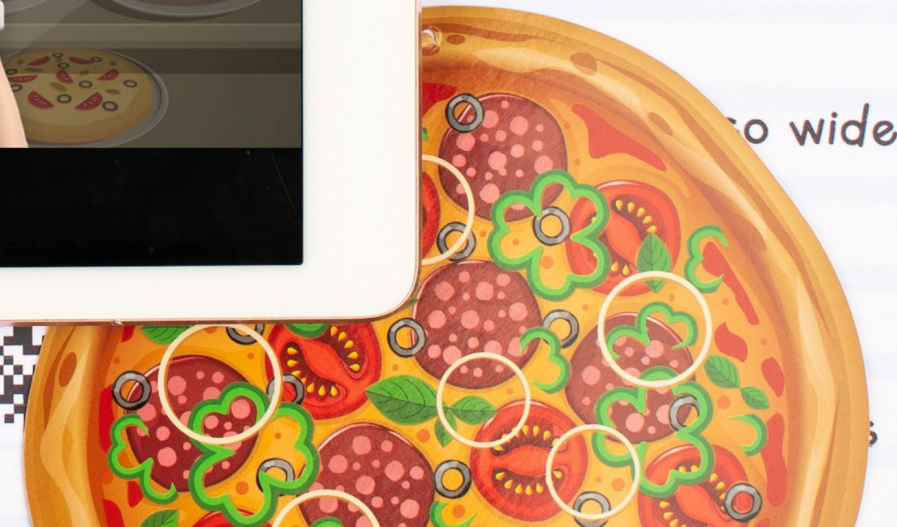


so wide,

Manny Mozzarella



lives green olives
From my farm, re
But in this mystery
I'm not the one to dec



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