

WHAT IS THIS?



Clue #1: Find It!
Solve each question. Circle the boxes that equal 4.

Clue #2: Sorting Donuts
Figure out the answer to each donut. Color the donuts the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Clue #3: Detective Report
Sam the Donut Man had run his own donut shop for $14 \div 7 = 2$ years. He made more than $63 \div 9 = 7$ different kinds of donuts, from glazed to strawberry filling. Everyone in town loved Sam's Donut Shop and went there at least $32 \div 4 = 8$ times a week. He told his customers that the people who bought donuts there went to the shop $72 \div 8 = 9$ times. Help, he was missing a donut!

Clue #4: A Dozen Donuts
Write the answer in each box. Then, read what to do at the bottom.

Clue #5: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 4, 7, 5, 9, 3, 6, 8, 10, 2
 $32 \div 8$ $70 \div 10$ $60 \div 12$ $36 \div 4$ $18 \div 6$ $42 \div 7$ $40 \div 5$ $20 \div 2$ $22 \div 11$

Letters: S P R I N K L E S

The missing donut DOES have:

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

A = Glazed Donut G = Strawberry Filling Donut M = Munchies Donut S = Sprinkle Donut Y = Yogurt Donut
 B = Blueberry Filling Donut H = Honey Glazed Donut N = Nut Filling Donut T = Tiramisu Donut Z = Zebra Donut
 C = Caramel Glazed Donut I = Ice Cream Filling Donut O = Oreo Filling Donut U = Unicorn Donut
 D = Donut Holes J = Jam Filling Donut P = Plain Donut V = Vanilla Glazed Donut
 E = Apple Filling Donut K = Karamel Filling Donut Q = Quaker Oats Donut W = White Glazed Donut
 F = Fudge Glazed Donut L = Lemon Glazed Donut R = Raspberry Filling Donut X = Xmas Donut

solve the mystery

The Case of the Missing Donut

THE LIFETIME LEARNER

Which Donut Was Stolen?
Solve the clues to figure out which donut went missing from the donut shop.

Glazed Donut	Jam-Filled Donut	Donut Holes	Chocolate Drizzle
Apple Cruller	Sprinkle Donut	Chocolate Swirl	Cream Filled

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out what donut was stolen!

HOW TO PLAY



What Happened?

Someone has stolen a donut from the donut shop! The owner wants your help to figure out what flavor was taken. Solve the clues to figure out what donut was taken and solve the mystery!

1. Take a donut list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which donut was taken.
3. Cross out wrong donuts each time you find out new information. Good luck!



Clue #1: Find It!

Solve each question. Circle the boxes that equal 4.
Read the words you circled from left to right like a book to solve the clue.

20 ÷ 5 4	X 3	X 5	36 ÷ 9 4
32 ÷ 4 8	40 ÷ 10 4	X 5	32 ÷ 8 4
12 ÷ 3 4	45 ÷ 9 5	X 3	28 ÷ 7 4

Write the phrase on the line. Cross the wrong donuts off your list.

The donut does not have filling

Which Donut Was Stolen?

Solve the clues to figure out which donut went missing from the donut shop.

Glaze Donut	Jam-Filled Donut	Donut Holes	Chocolate Drizzle
Apple Cruller	Sprinkle Donut	Chocolate Swirl	Cream Filled

Name: _____

Each time students solve a clue, it will reveal what donut to cross out.

When all clues are completed, the mystery of the missing donut will be solved!

SKILL PRACTICE

Clue #1: Find It!
Solve each question. Circle the boxes that equal 4.
Read the words you circled from left to right like a book to solve the clue.

$20 \div 5$ the
4

$32 \div 4$ looks
8

$12 \div 3$ have
4

Clue #2: Sorting Donuts
Figure out the answer to each donut. Color the donuts the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

3 pink
4 purple
5 green
6 blue

$32 \div 8$ $18 \div 3$ $15 \div 5$ $35 \div 7$ $12 \div 3$
 $36 \div 12$ $30 \div 6$ $20 \div 5$ $21 \div 7$ $54 \div 9$

Clue #3: Detective Report
Sam run his own donut shop for $14 \div 7$ years. He made more than $63 \div 9$ different kinds of donuts. He only made $12 \div 12$ chocolate donuts. He had to bring him more chocolate icing. He had $36 \div 6$ containers of cocoa powder. When he saw them. Because of the town's

E=5 L=9
O=6 V=10
T=7 R=11
H=8 S=12

Clue #1: Find It! (Detailed description): This worksheet features a grid of division problems. The first column contains $20 \div 5$ with the word 'the' above it and the number 4 circled in orange below it. The second column contains $32 \div 4$ with the word 'looks' above it and the number 8 circled in orange below it. The third column contains $12 \div 3$ with the word 'have' above it and the number 4 circled in orange below it. To the right of these are words: 'the', 'smallest', 'sprinkles', and 'donut'. 'the' and 'donut' are circled in orange. A magnifying glass icon is at the top right.

Clue #2: Sorting Donuts (Detailed description): This worksheet shows four donut boxes labeled 3 (pink), 4 (purple), 5 (green), and 6 (blue). Below them are ten donuts, each with a division problem on a label. The problems are: $32 \div 8$, $18 \div 3$, $15 \div 5$, $35 \div 7$, $12 \div 3$, $36 \div 12$, $30 \div 6$, $20 \div 5$, $21 \div 7$, and $54 \div 9$. At the bottom are four keys for coloring: 'Cross out the Chocolate Swirl Donut if there are: 2 pink donuts, 3 purple donuts, 2 green donuts, 3 blue donuts'; 'Cross out the Apple Cruller if there are: 2 pink donuts, 2 purple donuts, 3 green donuts, 3 blue donuts'; 'Cross out the Donut Holes if there are: 3 pink donuts, 3 purple donuts, 2 green donuts, 2 blue donuts'; and 'Cross out the Sprinkle Donut if there are: 3 pink donuts, 2 purple donuts, 3 green donuts, 2 blue donuts'. A magnifying glass icon is at the top right.

Clue #3: Detective Report (Detailed description): This worksheet contains a detective report with several division problems: $14 \div 7$, $63 \div 9$, $12 \div 12$, and $36 \div 6$. At the bottom is a key with letter-number pairs: E=5, L=9, O=6, V=10, T=7, R=11, H=8, S=12. A magnifying glass icon is at the top right.

- Solve each division clue with equal groups, repeated subtraction, or skip counting
- Donut-Themed
- Error Analysis Practice

All clues focus on division equations!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Find It!
Solve each question. Circle the boxes that equal 4.
Read the words you circled from left to right like a book to solve the clue.

Clue #2: Sorting Donuts
Figure out the answer to each donut. Color the donuts the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue.

Clue #3: Detective Report
Sam the Donut Man had run his own donut shop for $14 \div 7 = 2$ years. He made more than $63 \div 9 = 7$ different kinds of donuts, from glazed to strawberry filling. Everyone in town loved Sam's Donut Shop and went there at least $32 \div 4 = 8$ times a week. One day, he had a problem. He had $72 \div 8 = 9$ donuts left. He told his customers to take home as many as they could. The people went to the shop and took home 10 donuts. They went back to the shop and took home 10 donuts. The town's donut shop was so popular that Sam had to help, he was able to help 9 people. He was able to help 9 people.

3 Clue Version

C=3 T=7 R=11
C=4 H=8 S=12

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

Clue #1: Find It!
Solve each question. Circle the boxes that equal 4.
Read the words you circled from left to right like a book to solve the clue.

Clue #2: Sorting Donuts
Figure out the answer to each donut. Color the donuts the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue.

Clue #3: Detective Report
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Clue #4: A Dozen Donuts

Clue #5: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

5 Clue Version

The missing donut DOES have:

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

Clue #5: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 4 7 5 9 3 6 8 10 2

Letters: S P R I N K L

The missing donut DOES have:

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

Clue #5: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 4 7 5 9 3 6 8 10 2

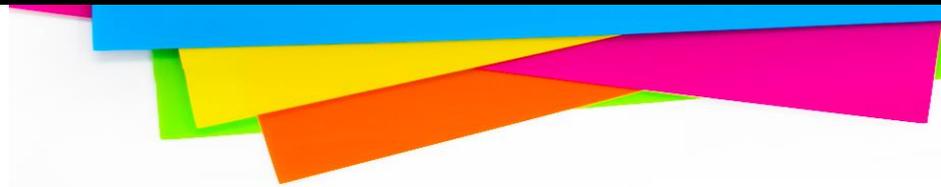
Letters: S P R I N K L

The missing donut DOES have:

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

Short & Long Options

2 EXTRA MYSTERIES PROVIDED



Which Donut Was Stolen?

Solve the clues to figure out which donut went missing from the donut shop.

Glaze Donut	Jam-Filled Donut	Donut Holes	Chocolate Drizzle
Apple Cruller	Sprinkle Donut	Chocolate Swirl	Cream Filled

Name: _____

Clue #1: Find It!

Solve each equation. Circle the boxes that equal 10.

Read the words you circled from left to right like a book to solve the clue.

the $4+6$	smallest $4+7$	sprinkles $6+3$	
looks $7-5$	does $7+3$	hole $2+7$	
have $1+9$	chocolate $6+5$	fruit $5+3$	

Clue #2: Sorting Donuts

Figure out the answer to each donut. Color the donuts the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

3 pink	4 purple	5 green	6 blue

Clue #3: Detective Report

Sam the Donut Man had run his own donut shop for $15+3$ years. He made more than $8+9$ different kinds of donuts, from glazed to strawberry filling. Everyone in town loved Sam's Donut Shop and went there at least $2+4$ times a week. One day, Sam ran out of all his famous chocolate icing and could only make $9+6$ chocolate donuts. He sold his customers he was sold out, but $3+5$ people stepped up and said they would bring him more chocolate icing. He went back to the local store and bought $1+6$ cups of sugar and $5+5$ containers of cocoa powder. He was able to make more chocolate icing and baked a batch of $4+8$ chocolate donuts for his customers.

The missing donut has no:

A=15	E=8	L=5
O=18	O=10	V=14
C=12	T=17	R=11
	=6	S=4

Clue #4: A Dozen Donuts

Write the answer in each box. Then, read what to do at the bottom.

$40 \div 5$	$12 \div 3$	$54 \div 9$	$36 \div 4$
G	F	L	R
$108 \div 9$	$14 \div 7$	$35 \div 7$	$60 \div 6$
U	A	N	Z
$50 \div 10$	$21 \div 7$	$18 \div 6$	$64 \div 8$
E	I	T	E

Cross out the boxes with the following answers:
5, 6, 2, 8, 10

The donut has no: _____

Clue #5: Picture Decoder

Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 4×10 , 4×4 , 5×8 , 2×3 , 7×1 , 6×8 , 5×5 , 9×3 , 4×7

Letters: _____

The missing donut DOES have:

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 =	

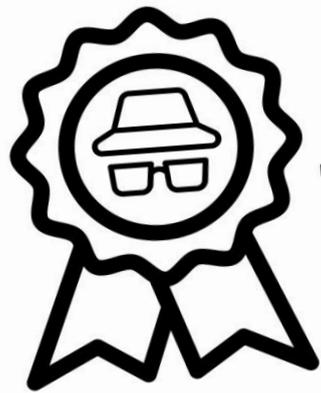
Do you have students who need more practice with math facts?

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



Lindsay

You solved the mystery!

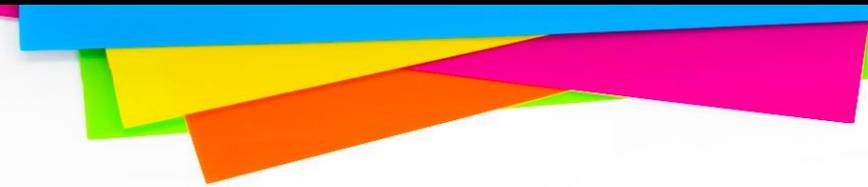
11/2
Date

AW
Presented by:



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: A Dozen Donuts 

Write the answer in each box. Then, read what to do at the bottom.

$40 \div 5$ G 8 X	$12 \div 3$ F 4	$55 \div 5$ L 11 X	$36 \div 4$ R 9
$108 \div 9$ U 12	$24 \div 12$ A 2 X	$35 \div 7$ N 5 X	$60 \div 6$ Z 10 X
$50 \div 10$ E 5 X	$21 \div 7$ I 3	$18 \div 6$ T 3	$64 \div 8$ E 8 X

Cross out the boxes with the following answers:
5, 11, 2, 8, 10
The letters that are left will reveal a message.

The donut has no:
Fruit

THE LIFETIME LEARNER

In 3rd 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: Find It!
Circle the boxes that have five cents in them.
Read the words you circled from left to right like a book to solve the clue.

Clue #2: Sorting Donuts
Figure out the answer to each donut. Color the donuts the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue.

Clue #3: Right or Wrong?
Is the statement true or false? Color the thumb in to show if you agree.

Clue #4: A Dozen Donuts
Look at the box at the bottom. It will tell you what to do.

Clue #5: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers: 4, 7, 5, 9, 3, 6, 8, 10, 2
Letters: S, P, R, I, N, K, L, E, S

The missing donut DOES have:

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

A = [apple], B = [banana], C = [candy], D = [donut], E = [egg], F = [fruit], G = [glaze], H = [hole], I = [icing], J = [jam], K = [kiss], L = [lemon], M = [milk], N = [nut], O = [orange], P = [pink], Q = [queen], R = [red], S = [sugar], T = [top], U = [umbrella], V = [vanilla], W = [wheel], X = [x-ray], Y = [yummy], Z = [zoo]

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2 Date Presented by: AW

LET'S DRAW... a coffee

LET'S DRAW... a donut

Which Donut Was Stolen?
Solve the clues to figure out which donut went missing from the donut shop.

Glaze Donut	Jam-Filled Donut	Donut Holes	Chocolate Drizzle
Apple Cruller	Sprinkle Donut	Chocolate Swirl	Cream Filled

Name:

solve the mystery

The Case of the Missing Donut

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

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: Find It!

Solve each question. Circle the boxes that equal 4.

Read the words you circled from left to right like a book to solve the clue.

Write the phrase on the line. Cross the wrong donuts off your list.

The donut does not have filling

KEEP THE FUN GOING!

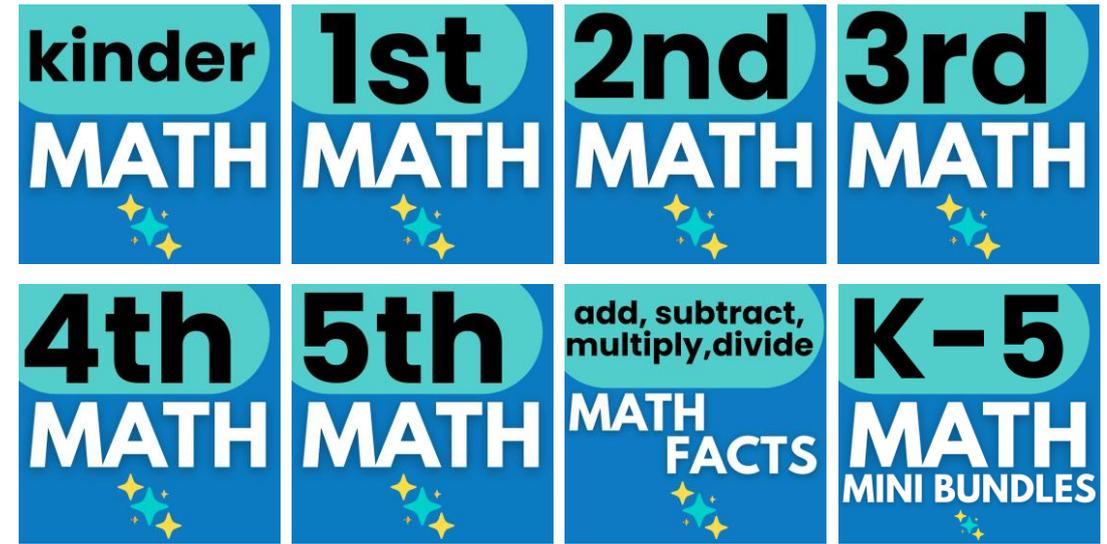
GRAB A **READING MYSTERY**:

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!**

