

WHAT IS THIS?



Clue #1: Fill in the Blank

6426 is 4699 eyes 5278 the 1342 green 1895 bow 1332 a

Clue #2: Right or Wrong?

There are 8 pumpkins. There are two times as many candies as there are pumpkins. How many candies are there? **4**

There are 30 tombstones in the graveyard. There are 5 times as many tombstones as there are flowers. How many flowers are there? **6**

There are 6 monsters. There are 8 times as many vampires as there are monsters. How many vampires are there? **48**

Clue #3: Halloween Sort

Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

orange 0-25,000 yellow 25,001-50,000 green 50,001-75,000 purple 75,001-100,000

Clue #4: The Haunted House

Write P for prime or C for composite in each box.

12			
G	C		
79			
P			E

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: ~~254,285~~ ~~596,318~~ ~~179,432~~ ~~334,917~~ ~~216,741~~ ~~658,225~~ ~~336,612~~ ~~183,643~~ ~~564,917~~

Letters: C H O C O L A T E

The culprit doesn't like:

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

solve the mystery

The Case of the Missing Candy

THE LIFETIME LEARNER

Who Stole the Candy?

As you solve each clue, cross out the suspects who did not take the candy. The suspect left at the end is the culprit!

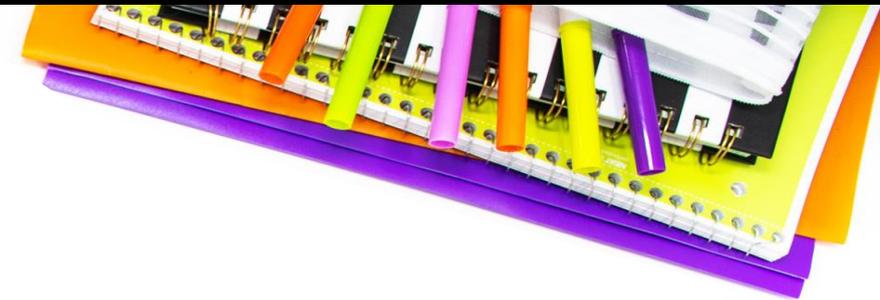
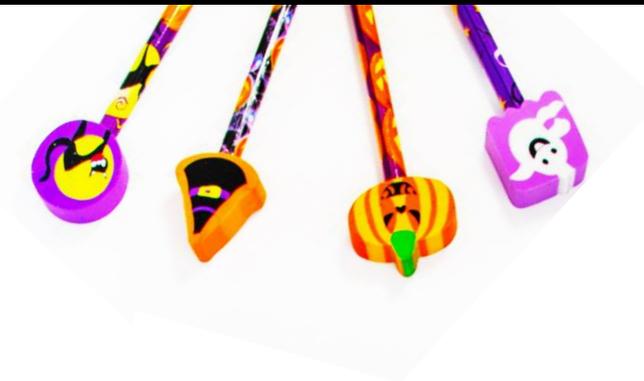
<p>I like green candy.</p> <p>Witch</p>	<p>I like marshmallows!</p> <p>Ghost</p>	<p>I like red candy.</p> <p>Vampire</p>	<p>I don't like candy.</p> <p>Monster</p>
<p>I like candy corn.</p> <p>Spooky Bones</p>	<p>I like green candy.</p> <p>Frankenstein</p>	<p>I like chocolate candy.</p> <p>Mummy</p>	<p>I like chocolate candy.</p> <p>Pumpkin Head</p>

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out who took the missing candy!

HOW TO PLAY



What Happened?

Oh no! You put down your trick-or-treat bag for a second and someone took it. It's your job to figure out who took the Halloween candy. Solve the clues to figure out the mystery!

1. Take a suspect list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering who the culprit (thief) is!
3. Cross out wrong suspects each time you find out new information. Good luck!

THE LIFETIME LEARNER

Clue #1: Fill in the Blank

6426 is	4699 eyes	5278 the	1342 green	1895 bow	1332 a
48 likes	1185 wearing	3062 red	3272 hat	4689 whoever	6416 candy
1905 took	2445 marshmallow	2641 eyes	2335 candy	5178 monster	3072 not

Answer: 4,689	Word: whoever	Answer: 2,335	Word: candy	Answer: 1,185	Word: wearing
635x3=	1,905 took	918x7=	6,426 is	222x6=	1,332 a
754x7=	5,278 the	384x8=	3,072 not	818x4=	3,272 hat

Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom ↓ in each row to figure out the clue.

THE LIFETIME LEARNER

Who Stole the Candy?

As you solve each clue, cross out the suspects who did not take the candy. The suspect left at the end is the culprit!

Witch	Ghost	Vampire	Monster
Spooky Bones	Frankenstein	Mummy	Pumpkin Head

Name: _____

THE LIFETIME LEARNER

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

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

SKILL PRACTICE

Clue #1: Fill in the Blank

6426 is	4699 eyes	5278 the	1342 green	1895 bow	1332 a
48 likes	1185 wearing			whoever	candy
1905 took	2445 marshmallow				

Answer: $521 \times 9 = 4,689$ **whoever**

Answer: $635 \times 3 = 1,905$ **took**

Answer: $754 \times 7 = 5,278$ **the**

Solve each problem. Write the answer words in order from top to bottom ↓

Clue #2: Right or Wrong?

There are 8 pumpkins. There are two times as many candles as there are pumpkins. How many candles are there? 4 16	There are 30 tombstones in the graveyard. There are 5 times as many tombstones as there are flowers. How many flowers are there? 6	There are 6 monsters. There are 8 times as many vampires as there are monsters. How many vampires are there? 48
There are five witches sitting at each table. There are three times as many brooms as there are witches. How many brooms are there? 15	There are 21 pieces of candy. There are three times as many pieces of candy as there are kids. How many kids are there? 3 7	You have 10 potions. You have two times as many potions as you do ingredients. How many ingredients do you have? 20 5
There are ninety ghosts in the haunted house. There are ten times as many ghosts as there are zombies. How many zombies are there? 9	There are 6 candy jars. There are 4 times as many pieces of candy as there are jars. How many pieces of candy are there? 18 24	You see 42 black cats on Halloween night. If there are 7 times as many black cats as white cats, how many white cats are there? 6

In each box, color a thumbs up or a thumbs down to show if the answer is correct.

How many answers were correct?

1 Correct = Cross out the witch. 2 Correct = Cross out the ghost. 3 Correct = Cross out Pumpkin Head. 4 Correct = Cross out Frankenstein.	5 Correct = Cross out the vampire. 6 Correct = Cross out the monster. 7 Correct = Cross out the mummy. 8 Correct = Cross out Spooky Bones.
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Clue #3: Halloween Sort

Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

yellow 25,001-50,000 1	green 50,001-75,000 11	purple 75,001-100,000 111
61,824 + 19,569 81,393	80,000 - 44,386 35,614	99,100 - 22,222 76,878

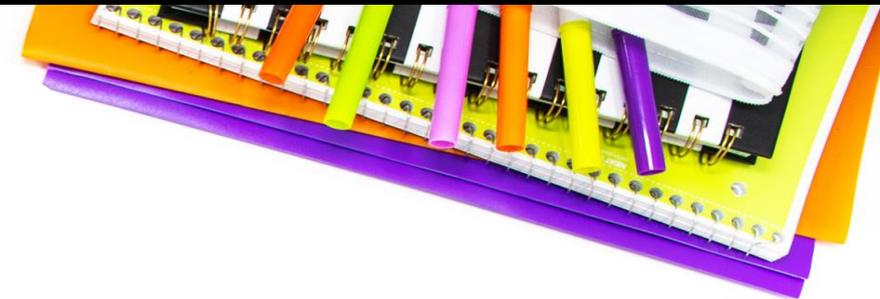
Cross out the mummy if this is true:

- 2 candies in Bag 1
- 1 candy in Bag 2
- 3 candies in Bag 3
- 3 candies in Bag 4

- 1 by 3 Digit Multiplication
- Multiplicative Comparison Problems
- Place Value
- Add & Subtract to 100,000
- Prime & Composite
- Halloween-Themed
- Error Analysis Practice

All clues focus on reviewing 4th grade math skills!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Fill in the Blank
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Clue #2: Right or Wrong?
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Clue #3: Halloween Sort
Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

3 Clue Version

Clue #1: Fill in the Blank
6426 is 4699 eyes 5278 the 1342 green 1895 bow 1332 a

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Clue #3: Halloween Sort
Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

Clue #4: The Haunted House
Write P for prime or C for composite.

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

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Clue #2: Right or Wrong?
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Clue #3: Halloween Sort
Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

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Clue #3: Halloween Sort
Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

Clue #4: The Haunted House
Write P for prime or C for composite.

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.

Clue #1: Fill in the Blank
6426 is 4699 eyes 5278 the 1342 green 1895 bow 1332 a

48 likes 1185 wearing 3062 red 3272 hat 4689 whoever 6416 candy

1905 took 2445 marshmallow 2641 eyes 2335 candy 5178 monster 3072 not

Answer: Word: 521x9= 4,689 whoever 467x5= 2,335 candy 237

635x3= 1,905 took 918x7= 6,426 is 222

754x7= 5,278 the 384x8= 3,072 not 818

Solve each problem. Write the answer. Then, write the word that goes with it. When words in order from top to bottom in each row to figure out the clue.

Clue #1: Fill in the Blank
6426 is 4699 eyes 5278 the 1342 green 1895 bow 1332 a

48 likes 1185 wearing 3062 red 3272 hat 4689 whoever 6416 candy

1905 took 2445 marshmallow 2641 eyes 2335 candy 5178 monster 3072 not

Answer: Word: 521x9= 4,689 whoever 467x5= 2,335 candy 237x5= 11,850

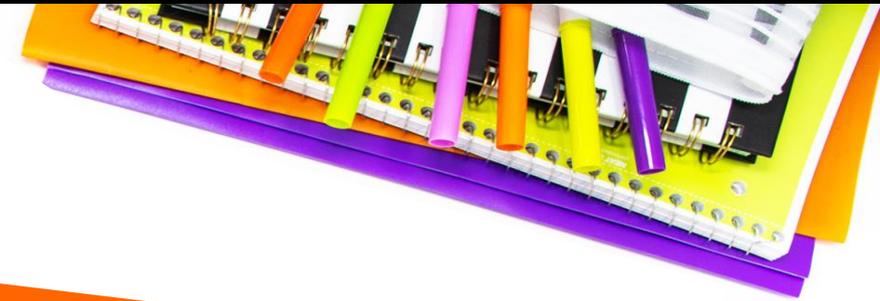
635x3= 1,905 took 918x7= 6,426 is 222x6= 1,332

754x7= 5,278 the 384x8= 3,072 not 818x4= 3,272

Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

Short & Long Options

2 MATH FACT OPTIONS!



Who Stole the Candy?

As you solve each clue, cross out the suspects who did not take the candy. The suspect left at the end is the thief!

 I like green candy.	 I like marshmallows!	 I like red candy.	 I don't like candy.
 I like candy corn.	 I like green candy.	 I like chocolate candy.	 I like chocolate candy.

Witch Ghost Vampire Monster
Spooky Bones Frankenstein Mummy Pumpkin Head

Name: _____

Clue #1: Fill in the Blank

16	is	7	eyes	9	the	15	green	2	bow	8
13	likes	17	wearing	19	red	12	hat	14	whoever	5
11	took	20	marshmallow	3	eyes	4	candy	18	monster	6

Answer: Word: _____ Answer: Word: _____

19-5= 12-7= 19-2=
15-4= 20-4= 14-6=
18-9=

Clue #2: Right or Wrong?

2+2	3+4	6+3
4	6	8
9+5	1+2	13+7
15	3	20
5+4	15+2	4+2

Clue #3: Halloween Sort

Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each bag.

5	6	7	8
11	13	10	15
12	14	17	9

Now, find the correct key to solve the clue!

Cross out Frankenstein if this is true.
Cross out the monster if this is true.
Cross out the mummy if this is true.

- 2 orange candies
- 3 yellow candies
- 2 green candies
- 1 purple candy

Clue #4: The Haunted House

30 ÷ 5	24 ÷ 6	54 ÷ 6	12 ÷ 6	70 ÷ 7	108 ÷ 9
G	B	R	L	U	E
72 ÷ 9	15 ÷ 5	40 ÷ 8	56 ÷ 8	99 ÷ 9	50 ÷ 10
P	E	I	N	D	K

First write the answer in each box on the haunted house. Then, read what to do in the box at the bottom.

Cross out the boxes with the following answers:
10, 5, 4, 8, 2, 11

The letters that are left will reveal a message.

The culprit does not like candy that is _____.

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: 40 ÷ 8, 90 ÷ 9, 8 ÷ 2, 20 ÷ 10, 12 ÷ 4, 36 ÷ 6, 18 ÷ 2, 24 ÷ 3, 35 ÷ 5

Letters: _____

The culprit doesn't like: _____

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 = 	

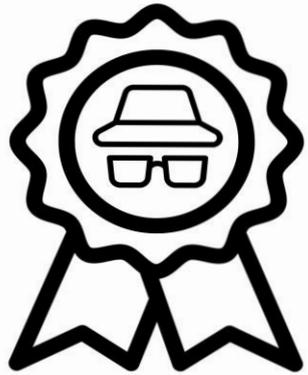
Same clues. Same mystery. Different math!

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:



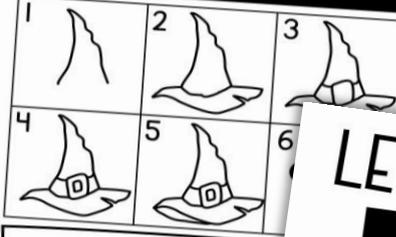
Lindsay
You solved the mystery!

11/2
Date

AW
Presented by:

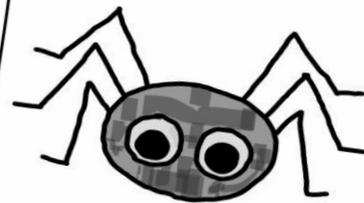
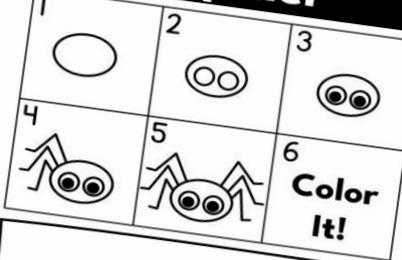
THE LIFETIME LEARNER

LET'S DRAW...
a witch hat



THE LIFETIME LEARNER

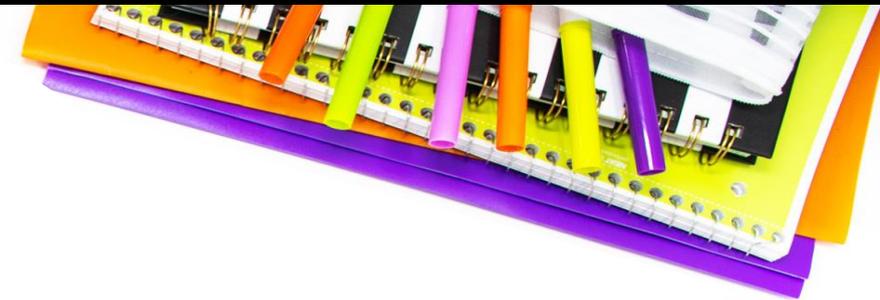
LET'S DRAW...
a spider



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 Haunted House

Write P for prime or C for composite in each box.

12	41	72	53	29	66
G C	X P	R C	X P	X P	E C
79	44	23	95	83	67
X P	E C	X P	N C	X P	X P

First, write the answer in each box on the haunted house. Then, read what to do in the box at the bottom.

Cross out the boxes with:
prime numbers
The letters that are left will reveal a message.

The culprit does not like candy that is
Green.

THE LIFETIME LEARNER

In 4th 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: Fill in the Blank

30	is	118	eyes	96	the	71	green	73	bow	58	is
----	----	-----	------	----	-----	----	-------	----	-----	----	----

Clue #2: Right or Wrong?

6 more than 36	5 less than 20	8 more than 18
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Clue #3: Halloween Sort

Figure out each answer. Color the candies the same color as the bag they belong in. Tally up how many of each candy you find in each box.

orange	0-25,000	yellow	25,001-50,000	green	50,001-75,000	purple	75,001-100,000
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Clue #4: The Haunted House

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.

564,487	174,432	83,613	294,285	334,487	336,612	26,741	658,225	183,643	564,917
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Answers: 596,318 179,432 334,987 26,741 658,225 336,612 183,643 564,917

Letters: C H O C O L A T E

The culprit doesn't like:

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 Detective Agency sends congratulations to:



Lindsay

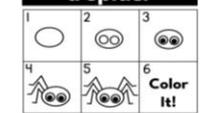
You solved the mystery!

Date: 11/2 Presented by: AW

LET'S DRAW... a witch hat




LET'S DRAW... a spider




Who Stole the Candy?

As you solve each clue, cross out the suspects who did not take the candy. The suspect left at the end is the culprit!

 I like green candy.	 I like marshmallows.	 I like red candy.	 I don't like candy.
 I like candy corn.	 I like green candy.	 I like chocolate candy.	 I like chocolate candy.

Name: _____

solve the mystery



The Case of the Missing Candy

THE LIFETIME LEARNER

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: Find It!

Circle the sentences that include abstract nouns. Cross out sentences without abstract nouns. Read the words you circled from left to right like a book to solve the clue.

the The haunted mansion held a sense of loneliness inside.	red A bag of candy spilled across the sidewalk.	thief The witch showed no kindness to the lost traveler.	big The vampire wore a long cloak and shiny boots.
has The monster's anger echoed through the halls.	leg The bats hung upside down from the ceiling.	fang A cold wind pushed the door open with a creak.	smile The children's excitement grew as Halloween night began.

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

the thief has a smile

Example of Clue 1

Math

Clue #1: Fill in the Blank

6426	is	4699	eyes	5278	the	1342	green	1895	bow	1332	a
48	likes	1185	wearing	3062	red	3272	hat	4689	whoever	6416	candy
1905	took	2445	marshmallow	2641	eyes	2335	candy	5178	monster	3072	not

Answer: Word: **4,689** **whoever** $467 \times 5 =$ **2,335** **candy** $237 \times 5 =$ **1,185** **wearing**

$635 \times 3 =$ **1,905** **took** $918 \times 7 =$ **6,426** **is** $222 \times 6 =$ **1,332** **a**

$754 \times 7 =$ **5,278** **the** $384 \times 8 =$ **3,072** **not** $818 \times 4 =$ **3,272** **hat**

Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

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!**

