

WHAT IS THIS?



Clue #1: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

$23,458 + 48,399$ $31,442 + 56,419$ $14,993 + 68,304$

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

23×61 $3,608 \div 11$ $1,298 \div 58$ $1,106 \div 78$

Clue #3: Food Sort
Figure out each answer. Write it on the butter. Color the bread the same color as the plate they belong on.

Clue #4: The Dinner Table

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.

SI 64 R2 81 R2 97 R4 89 77 93 R4 86 R1 68 R1

Answers: $17 R4$ $93 R4$ 51 $81 R2$ 77 $64 R2$ $86 R1$ $68 R1$ 89
 $489 \div 5$ $562 \div 6$ $357 \div 7$ $488 \div 6$ $693 \div 9$ $514 \div 8$ $603 \div 7$ $477 \div 7$ $534 \div 6$

Letters: **N O T Y E L L O W**

Cross out the foods that are:

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.

solve the mystery

The Case of the Thanksgiving Feast

THE LIFETIME LEARNER

What Do I Bring?

As you solve each clue, cross out the items that do not belong. The food left at the end is what you need to bring!

 Pie	 Ham	 Bread	 Gravy
Corn	 Turkey	 Mashed Potatoes	 Peas

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out what food to bring to Thanksgiving dinner!

HOW TO PLAY



What Happened?

Oh no! You forgot what you are supposed to bring to Thanksgiving dinner! You don't want to let anyone down. Solve the clues to figure out the mystery so you can still show up with your dish!

1. Take a food list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering what food you need to bring!
3. Cross out wrong items each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: Descrambler

Solve each question. When the letters are unscrambled, they will make up the clue.

W	23,458+48,399	31,442+56,419	14,993+68,304	E
65,385+29,394	71,857	87,861	83,297	56,729+19,381
94,779				76,110
53,009	74,592-49,228	62,559	68,341-45,676	49,783
E	T	S	E	R
90,853-37,844	25,364	88,392-25,833		95,681-45,898

Place the correct letter on top of each matching answer.

Someone else is bringing a:

S W E E T T R E A T

62,559 94,779 22,665 76,110 71,857 25,364 49,783 53,009 83,297 87,861

THE LIFETIME LEARNER

What Do I Bring?

As you solve each clue, cross out the items that do not belong. The food left at the end is what you need to bring!

 Pie	 Ham	 Bread	 Gravy
 Corn	 Turkey	 Mashed Potatoes	 Peas

Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what foods to cross out. When all clues are completed, the mystery of the Thanksgiving feast will be solved!

SKILL PRACTICE

Clue #1: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

$65,385 + 29,394$
 $23,458 + 48,399$
 $31,442 + 56,419$
 $14,993 + 68,304$

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

23×61
A. 2,403
B. 1,403
C. 1,413
D. 1,503

57×42
A. 2304
B. 2494
C. 2394
D. 2294

44×82
A. 3608
B. 1608
C. 3648
D. 2648

22×73
A. 1676
B. 1606
C. 1506
D. 1406

56×23
A. 1268
B. 1388
C. 1188
D. 1288

85×34
A. 2790
B. 2890
C. 2990
D. 2870

1106
A. 1166
B. 1206
C. 1106
D. 1306

49×45
A. 2305
B. 2245
C. 2105
D. 2205

Clue #3: Food Sort
Solve each question. Write it on the butter. Color the bread the same color as the plate they belong on.

Jamal has 9 peas. Max has 4 times as many as him. How many does Max have? **36**

Estela has 24 hams. She has 2 times more than Troy. How many does Troy have? **12**

Carl has 6 pies. Lyle has 4 times as many as him. How many does Lyle have? **24**

Maria has 12 turkeys. Miguel has 2 times as many as her. How many does Miguel have? **24**

Elle has 4 hams. Ben has 9 times as many as her. How many does Ben have? **36**

Cross out foods that are **not** fruits if there are:
• 3 brown foods
• 4 orange foods
• 3 red foods
• 2 yellow foods

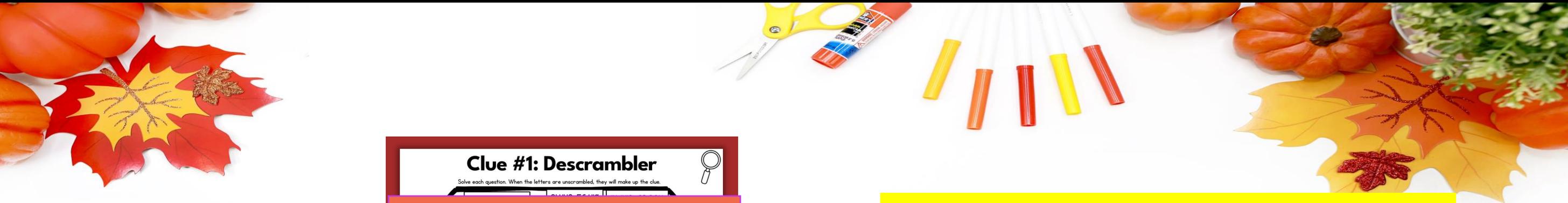
Circle how many you chose in each box below. Then, read the phrase to know what to cross out.

How many As did you circle? 1 A = grandma 2 As = mom 3 As = grandpa 4 As = dad	How many Bs did you circle? 1 B = hates 2 Bs = is not 3 Bs = is already 4 Bs = loves	How many Cs did you circle? 1 C = cooking 2 Cs = bringing 3 Cs = any 4 Cs = allergic to	How many Ds did you circle? 1 D = gravy 2 Ds = bread 3 Ds = peas 4 Ds = turkey
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- Add & Subtract to 100,000
- Factors
- 2 by 2 Digit Multiplication
- Multiplicative Comparison Problems
- 3 by 1 Digit Division
- Thanksgiving-Themed
- Error Analysis Practice

All clues focus on reviewing 4th grade math skills!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

Clue #3: Food Sort
Figure out each answer. Write it on the butter. Color the bread the same color as the plate they belong on.

3 Clue Version

Then, find the correct key at the bottom to solve the clue!

- Cross out foods that are not vegetables if there are:
 - 3 brown foods
 - 3 orange foods
 - 2 red foods
 - 4 yellow foods
- Cross out foods that are not meats if there are:
 - 3 brown foods
 - 4 orange foods
 - 2 red foods
 - 3 yellow foods
- Cross out foods that are not bread if there are:
 - 4 brown foods
 - 3 orange foods
 - 2 red foods
 - 3 yellow foods
- Cross out foods that are not fruits if there are:
 - 3 brown foods
 - 4 orange foods
 - 3 red foods
 - 2 yellow foods

Clue #1: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

Clue #2: Multiple Choice
Solve each question. Circle the right answer. Then read the bottom.

Clue #3: Food Sort
Figure out each answer. Write it on the butter. Color the bread the same color as the plate they belong on.

Clue #4: The Dinner Table

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

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

A =	G =	M =	S =	O =	Y =
B =	H =	N =	T =	U =	Z =
C =	I =	P =	V =		
D =	J =	Q =	W =		
E =	K =	R =	X =		
F =	L =				

Clue #1: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

Place the correct letter on top of each matching answer.

Someone else is bringing a:

S W E E T T R E

62,559 94,779 22,665 76,10 71,857 25,364 49,783 53,009

Clue #1: Descrambler
Solve each question. When the letters are unscrambled, they will make up the clue.

Place the correct letter on top of each matching answer.

Someone else is bringing a:

S

62,559 94,779 22,665 76,10 71,857 25,364 49,783 53,009 83,297 87,861

Short & Long Options

2 MATH FACT OPTIONS!

What Do I Bring?

As you solve each clue, cross out the items that do not belong. The food left at the end is what you need to bring!

 Pie	 Ham	 Bread	 Gravy
 Corn	 Turkey	 Mashed Potatoes	 Peas

Name: _____

Clue #1: Descrambler

Solve each question. When the letters are unscrambled, they will make up the clue.

W	5+9	10+10	5+6
11+8	T	T	A
	13+2		8+9
E	T	S	E
4+14		3+7	

Place the correct letter on top of each matching answer.

Clue #2: Multiple Choice

Solve each question. Circle the right answer. Then read the bottom.

18-5	14-6	20-9	15-8
A. 12 B. 13 C. 11 D. 15	A. 8 B. 9 C. 6 D. 7	A. 9 B. 12 C. 10 D. 11	A. 6 B. 8 C. 7 D. 9
19-10	13-8	16-4	11-7
A. 12 B. 11 C. 9 D. 10	A. 4 B. 5 C. 6 D. 7	A. 11 B. 12 C. 13 D. 14	A. 6 B. 5 C. 3 D. 4

Clue #3: Food Sort

Figure out each answer. Write it on the buffer. Color the bread the same color as the plate they belong on.

20 brown	17+2	6+12	4+16	4+15
19 orange	13+7	11+6	9+8	11+8
18 red	2+15	9+10	12+8	13+5
7 low				

Then, find the correct key at the bottom to solve the clue.

Cross out foods that are _____ if there are: _____

Cross out foods that are _____ if there are: _____

Cross out foods that are _____ if there are: _____

Cross out foods that are _____ if there are: _____

- 2 brown foods
- 3 orange foods
- 2 red foods
- 3 yellow foods

Clue #4: The Dinner Table

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

5x7	9x7	4x3	8x5	10x7	2x8
M	L	E	I	A	R
7x4	6x8	2x5	6x6	4x8	9x5
Q	D	U	I	T	D

The food is not a: _____

Cross out the boxes with the following answers:
70, 32, 35, 48, 12, 16

The letters that are left will reveal a message.

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.

7	9	24	6	8	10	63	16	25
---	---	----	---	---	----	----	----	----

Answers: _____

Letters: _____

Cross out the foods that are: _____

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 = 	

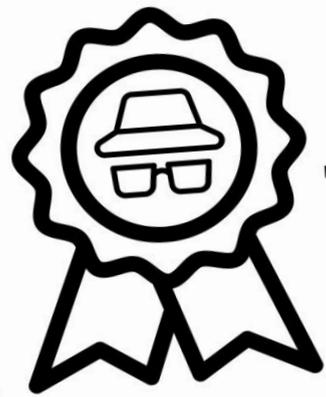
Same clues. Same mystery. Different math!

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!

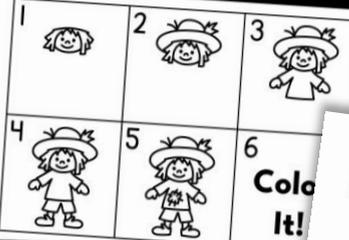
11/2
Date

AW
Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

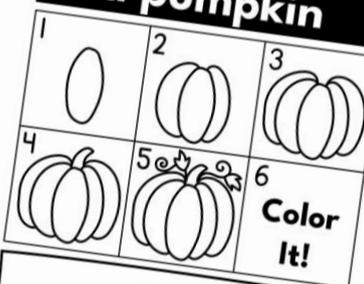
a scarecrow



THE LIFETIME LEARNER

LET'S DRAW...

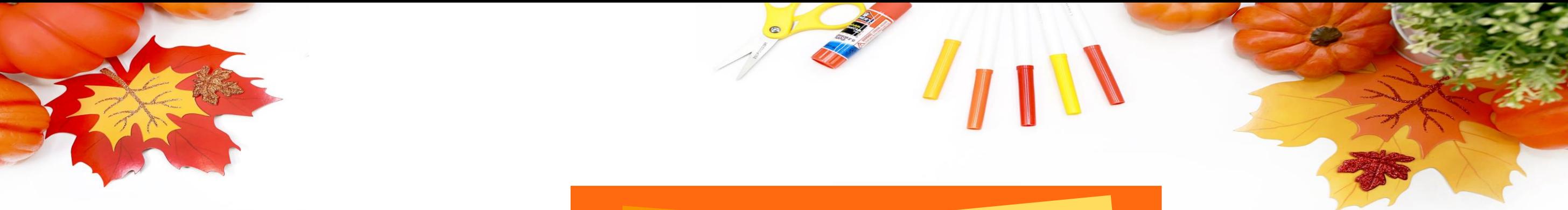
a pumpkin



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 Dinner Table 



10 and 7 M 70	2 and 36 L 72	4 and 17 E 68	8 and 9 I 72	3 and 23 A 69	5 and 14 R 70
6 and 12 Q 72	9 and 7 D 63	3 and 24 U 72	1 and 72 I 72	6 and 14 T 84	4 and 18 D 72

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

Cross out the boxes that are:
NOT factor pairs of 72
The letters that are left will reveal a message.

The food is not a:
LIQUID

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!

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Answers: $17 R4$, $93 R4$, 51 , $81 R2$, 77 , $64 R2$, $86 R1$, $68 R1$, 89
 $489 \div 5$, $562 \div 6$, $357 \div 7$, $488 \div 6$, $693 \div 9$, $514 \div 8$, $603 \div 7$, $477 \div 7$, $534 \div 6$

Letters: **N O T Y E L L O W**

Cross out the foods that are: [decoder grid]

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 scarecrow

1 2 3
4 5 6 Color It!

Coloring page for a scarecrow.

LET'S DRAW...
a pumpkin

1 2 3
4 5 6 Color It!

Coloring page for a pumpkin.

What Do I Bring?

As you solve each clue, cross out the items that do not belong. The food left at the end is what you need to bring!

Pie	Ham	Bread	Gravy
Corn	Turkey	Mashed Potatoes	Peas

Name: _____

solve the mystery

The Case of the Thanksgiving Feast

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: Fill in the Blank

<i>something</i> will play	ate	ham	sneak	leg	crust	stirred	will eat	need	cooked	you
smell	pie	poured	set	to	say	corn	are watching	bring	played	red
hes	plate	ham	will cook	snuck	that	sat	blue	said	is	

Below, find the matching verb above. Then write the word in italics in each box.

Word: _____ Word: _____

Earlier, Uncle Joe _____ the turkey. _____
The dog _____ a bite of turkey off my plate. _____

Right now, Grandma _____ the potatoes in the bowl. _____
At this moment, we _____ the parade. _____
Everyone _____ what they are thankful for. _____

Tomorrow, we _____ pumpkin pie with whipped cream. _____
Later, the kids _____ outside. _____
The kitchen _____ like cinnamon. _____

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: Descrambler

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65,385+29,394	71,857	87,861	83,297	56,729+19,381
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509	25,364	62,559	88,392-25,833	95,681-45,898
E	S	E	R	
53-37,844				

Place the correct letter on top of each matching answer.

Someone else is bringing a:

S W E E T T R E A T

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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!**

