# WHAT IS THIS?

### Clue #1: Sorting Water Cans
Round to the nearest 100 on each watering can. Color the watering cans the same color as the soil they belong with. Then, find the correct key at the bottom to solve the clue!

### Clue #2: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

639

Answer

Letter

The
was e

Use this
out wh
picture.

C

### Clue #3: Descrambler
On the left side, label each vegetable on the number lines with the correct fraction. Then, write the vegetable's fraction on the right side of the page.

5/8

### Clue #4: Plants in the Garden
Tell how many minutes have passed in each box. Then, read what to do at the bottom.

5:15 to
– 53
– 10
G 43

3:09 to
60
9
D 51

Cross out th

Which lett

### Clue 5: Which Food Has Less?
Circle each correct answer. Which food has less correct answers?
Cross the food out on your recording sheet with less correct answers.

| | | | |
|---|---|---|---|
| 8 | The farmer has 28 seeds. He splits them evenly between 4 rows. How many seeds are in each row? | 7 | Maddy has 24 carrots in her basket. She splits them into three equal groups. How many carrots are in each group? | 8 |
| 54 | You have 6 baskets. Each basket contains 9 potatoes. How many potatoes do you have in all? | 63 | Lilo finds 100 cabbages in his garden. He splits them between himself and 9 friends. How many cabbages will each person get? | 9 |
| 48 | Jana, Mark, Steph and Leah each eat 12 corns. How many corns did they eat in all? | 44 | Nine farmers each have 12 cucumbers. How many cucumbers are there in all? | 96 |
| 10 | 110 flowers are picked by 10 kids. How many flowers was picked by each kid? | 11 | You have 5 boxes. Each box contain three fruits. How many fruits do you have in all? | 12 |

THE LIFETIME LEARNER

## solve the mystery
### The Case of the Garden Thief

THE LIFETIME LEARNER

## What Was Eaten?
Figure out what food was eaten out of the garden by solving each clue.

| purple in color | green in color | green in color | red in color |
|---|---|---|---|
| Onion | Broccoli | Lettuce | Radish |
| yellow in color | green in color | red in color | yellow in color |
| Corn | Peas | Tomato | Pepper |

Name:

THE LIFETIME LEARNER

## Students complete a series of clues to figure out what food was stolen from the garden!

# HOW TO PLAY

## What Happened?

Every day, a deer comes to eat the food in your garden. You want to discover out which type of food the deer likes best so you can stop the deer from coming back. Solve the clues to figure out which food the deer keeps eating from your garden.
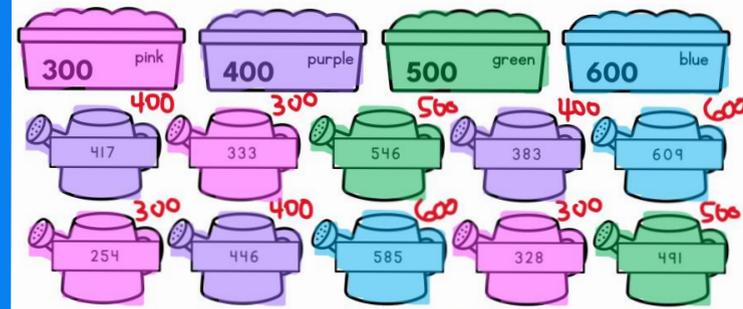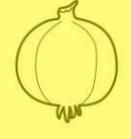
1. Take a list of food and start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which food was eaten.
3. Cross out wrong foods each time you find out new information. Good luck!

THE LIFETIME LEARNER

## Clue #1: Sorting Water Cans

Round to the nearest 100 on each watering can. Color the watering cans the same color as the soil they belong with. Then, find the correct key at the bottom to solve the clue!

| 300 pink | 400 purple | 500 green | 600 blue |

| 400 | 300 | 500 | 400 | 600 |
| 417 | 333 | 546 | 383 | 609 |

| 300 | 400 | 600 | 300 | 500 |
| 254 | 446 | 585 | 328 | 491 |

| Cross out the radish if there are: | Cross out the tomato if there are: | Cross out the peas if there are: | Cross out the broccoli if there are: |
| • 2 pink water cans | • 2 pink water cans | • 3 pink water cans | • 3 pink water cans |
| • 3 purple water cans | • 2 purple water cans | • 3 purple water cans | • 2 purple water cans |
| • 2 green water cans | • 3 green water cans | • 2 green water cans | • 3 green water cans |
| • 3 blue water cans | • 3 blue water cans | • 2 blue water cans | • 2 blue water cans |

THE LIFETIME LEARNER

## What Was Eaten?

Figure out what food was eaten out of the garden by solving each clue.

| purple in color | green in color | green in color | red in color |
| Onion | Broccoli | Lettuce | Radish |
| yellow in color | green in color | red in color | yellow in color |
| Corn | Peas | Tomato | Pepper |

Name:

THE LIFETIME LEARNER

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

# SKILL PRACTICE

## Clue #1: Sorting Water Cans
Round to the nearest 100 on each watering can. Color the watering cans the same color as the soil they belong with. Then, find the correct key at the bottom to solve the clue!

300  pink  400

400

417  333

300

254  446

Cross out the radish if there are:
- 2 pink water cans
- 3 purple water cans
- 2 green water cans
- 3 blue water cans

## Clue #2: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

639    919    158    369    985    251

Answers:
369    919    158    639    251    985
497-128  524+395  864-706  352+287  770-519  613+372

Letters:  N    O    T    R    E    D

**The food that was eaten was...**

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 =

## Clue #3: Descrambler
...the left side, label each vegetable on the number lines with the correct fraction. Then, write the vegetable's fraction on the right side of the page.

B    E    O    1/2    5/3

3/6

M    2    N    3/4

...atching answer.
...s not:

C    b    B
1/4   6/8   3/6

THE LIFETIME LEARNER

- Fractions on Number Lines
- Elapsed Time
- Multiplication and Division Word Problems
- Add and Subtract to 1000
- Round to the Nearest 100
- Spring-Themed
- Error Analysis Practice

**All clues focus on reviewing 3rd grade math skills!**

# MULTIPLE VERSIONS

## Print & Digital Forms

### Clue #1: Sorting Water Cans
Round to the nearest 100 on each watering can. Color the watering cans the same color as the soil they belong with. Then, find the correct key at the bottom to solve the clue!

### Clue #2: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

### Clue #3: Descrambler
On the left side, label each vegetable on the number lines with the correct fraction. Then, write the vegetable's fraction on the right side of the page.

### Clue #4: Plants in the Garden
Tell how many minutes have passed in each box. Then, read what to do at the bottom.

### Clue 5: Which Food Has Less?
Circle each correct answer. Which food has less correct answers? Cross the food out on your recording sheet with less correct answers.

**3 Clue Version**

**5 Clue Version**

## Short & Long Options

### Clue #2: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

639    919    158    369    985    251

Answers: 369    919    158    639    251    985
         497-128  524+395  864-706  352+287  770-519  613+372

Letters: N   O   T   R

The food that was eaten was...

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

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

# 2 MATH FACT OPTIONS!

## What Was Eaten?
Figure out what food was eaten out of the garden by solving each clue.

| purple in color | green in color | green in color | red in color |
|---|---|---|---|
| Onion | Broccoli | Lettuce | Radish |
| yellow in color | green in color | red in color | yellow in color |
| Corn | Peas | Tomato | Pepper |

Name:

## Clue #1: Sorting Water Cans
Figure out the answer on each water can. Color the water cans the same color as the soil they belong with. Then, find the correct key at the bottom to solve the clue!

Cross out the radish if there are:
- 2 pink water cans
- 3 purple water cans
- 2 green water cans
- 3 blue water cans

## Clue #2: Picture Decoder
Write the answer on each line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Answers:  $\underset{20-8}{12}$  $\underset{14-6}{8}$  $\underset{6-3}{3}$  $\underset{17-8}{9}$  $\underset{10-4}{6}$  $\underset{16-5}{11}$

Letters:  N  O  T  R  E  D

M =
N =
O =
P =
Q =
R =

## Clue #3: Descrambler
Solve each equation. When the letters are unscrambled, they will make up the clue.

3+16 = 19    7+2 = 9    13+7 = 20
8+7 = 15    2+6 = 8    11+5 = 16    2+9 = 11
7+5 = 12    3+1 = 4    7+10 = 17

Place the correct letter on top of each matching answer.

THE LIFETIME LEARNER

## Clue #4: Plants in the Garden
Put the correct answer in each box. Then, read what to do at the bottom.

| 32÷4 | 90÷9 | 72÷8 | 60÷5 |
|---|---|---|---|
| G  8 | B  10 | R  9 | E  12 |
| 42÷6 | 25÷5 | 33÷3 | 48÷12 |
| D  7 | E  5 | N  11 | G  4 |

Cross out the letters with the following answers:
**7, 10, 4**
Which letters are left? Write them on the line.

The food that was eaten was not
Green

## Clue 5: Which Food Has Less?
Circle each correct answer. Which food has less correct answers? Cross the food out on your recording sheet with less correct answers.

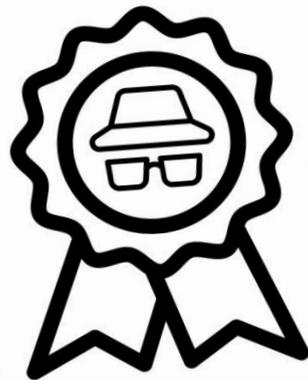| 50 | 5x11 | 55 | 11 | 132÷11 | 12 |
|---|---|---|---|---|---|
| 12 | 96÷8 | 11 | 45 | 5x9 | 40 |
| 28 | 7x4 | 27 | 7 | 84÷12 | 8 |
| 8 | 81÷9 | 9 | 21 | 3x7 | 24 |

THE LIFETIME LEARNER

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

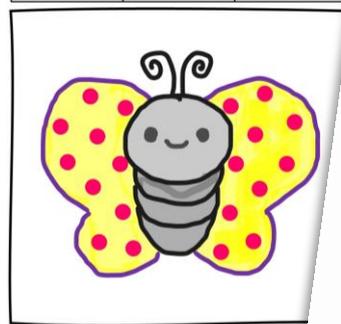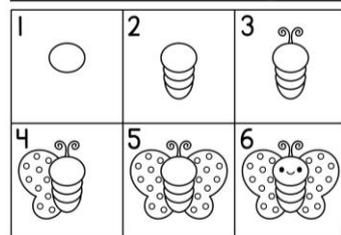The Detective Agency sends congratulations to:

**Lindsay**

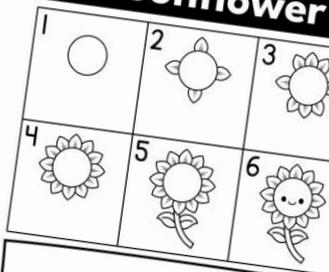You solved the mystery!

11/2 ___ AW

Date — Presented by:

THE LIFETIME LEARNER

LET'S DRAW...
**a butterfly**

1 2 3
4 5 6

THE LIFETIME LEARNER

LET'S DRAW...
**a sunflower**

1 2 3
4 5 6

THE LIFETIME LEARNER

If students finish early, give them a ==certificate of completion== and a ==directed drawing== to complete while others continue working.
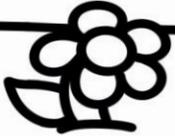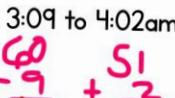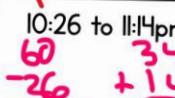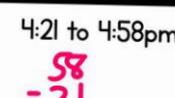
# MATH MYSTERY BENEFITS

- 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: Plants in the Garden

Tell how many minutes have passed in each box. Then, read what to do at the bottom.

| 5:15 to 5:53pm | 11:34am to 12:18pm | 7:16 to 7:24pm | 2:45 to 3:28am |
|---|---|---|---|
| G 38 | 44 | R 8 | E 43 |
| 3:09 to 4:02am | 10:26 to 11:14pm | 4:21 to 4:58pm | 8:57 to 9:20am |
| D 53 | E 44 | N 37 | 23 |

Cross out the letters with the following answers:
**44, 53, 23**
Which letters are left? Write them on the line.

The food that was eaten was not
**Green**

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!

# 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**

**Example of Clue 1**

**Math**



### Clue #1: Multiple Choice
Circle the right answer. Then read the bottom.

| bloom | they | tulip | colorful | it |
|---|---|---|---|---|
| A. noun | A. pronoun | A. adverb | A. noun | A. adverb |
| B. verb | B. noun | B. pronoun | B. adjective | B. verb |
| . adverb | . adverb | C. noun | C. verb | C. adjective |
| . adjective | D. verb | D. verb | D. pronoun | D. pronoun |

| plant | muddy | outside | gently |
|---|---|---|---|
| . pronoun | A. adverb | A. adverb | A. noun |
| B. adjective | B. verb | B. pronoun | B. noun | B. verb |
| C. pronoun | C. adjective | C. noun | C. verb | C. adverb |
| D. verb | D. adverb | D. adjective | D. pronoun | D. adjective |

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? | How many Bs did you circle? | How many Cs did you circle? | How many Ds did you circle? |
|---|---|---|---|
| 1 A = comes | 1 B = red | 1 C = pod | 1 D = small |
| 2 As = does | 2 Bs = green | 2 Cs = like | 2 Ds = tree |
| 3 As = does not | 3 Bs = look | 3 Cs = round | 3 Ds = leaf |
| 4 As = grows | 4 Bs = yellow | 4 Cs = purple | 4 Ds = stem |

### Clue #1: Sorting Water Cans
Round to the nearest 100 on each watering can. Color the watering cans the same color as the soil they belong with. Then, find the correct key at the bottom to solve the clue!

300 pink | 400 purple | 500 green | 600 blue

400 | 300 | 500 | 400 | 600
417 | 333 | 546 | 383 | 609

300 | 400 | 600 | 300 | 500
254 | 446 | 585 | 328 | 491

| Cross out the radish if there are: | Cross out the tomato if there are: | Cross out the peas if there are: | Cross out the broccoli if there are: |
|---|---|---|---|
| • 2 pink water cans<br>• 3 purple water cans<br>• 2 green water cans<br>• 3 blue water cans | • 2 pink water cans<br>• 2 purple water cans<br>• 3 green water cans<br>• 3 blue water cans | • 3 pink water cans<br>• 3 purple water cans<br>• 2 green water cans<br>• 2 blue water cans | • 3 pink water cans<br>• 2 purple water cans<br>• 3 green water cans<br>• 2 blue water cans |

# 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!
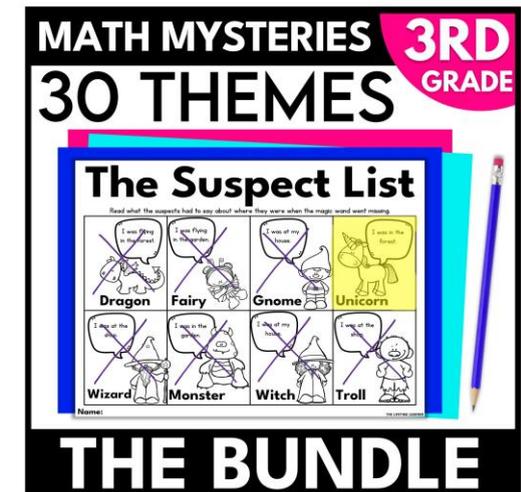
- CVC WORDS
- kinder PHONICS
- 1st PHONICS
- 2nd PHONICS
- GRADES 2-3 GRAMMAR
- PARTS OF SPEECH REVIEWS
- GRADES 4-5 GRAMMAR

EXPLORE 30 UNIQUE MYSTERIES

## MORE MATH MYSTERIES:

Explore other grade levels to differentiate and keep every student engaged.

- kinder MATH
- 1st MATH
- 2nd MATH
- 3rd MATH
- 4th MATH
- 5th MATH
- add, subtract, multiply, divide MATH FACTS
- K-5 MATH MINI BUNDLES

BUY A BUNDLE TO SAVE BIG!

MATH MYSTERIES 3RD GRADE
30 THEMES
The Suspect List

Dragon  Fairy  Gnome  Unicorn
Wizard  Monster  Witch  Troll

THE BUNDLE