

WHAT IS THIS?

Clue #1: 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 #2: Who Has More?
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

Clue #3: The Rainbow
You have 525 green hats. You have 235 more. How many do you have?
The first year, you had 1000 rainbows. Now that you have 2000 more, how many do you have now?

Clue #4: Right or Wrong?
Color the hat green if the answer is correct. Color the hat red if it's wrong.

$(8 \times 8) + (2 \times 8)$ $(5 \times 6) + (5 \times 3)$ $(2 \times 5) + (5 \times 5)$

5×9

Clue #5: Fill in the Blank

golden	triangle	pentagon	ray	trapezoid	hexagon
line	square	heptagon	moon	rhombus	quadrilateral
trapezoid	rectangle	parallelogram	heart	octagon	star

Answer: Word: square The Answer: Word: octagon of Answer: Word: trapezoid in

Parallelogram with all equal sides and 90 degree angles

Parallelogram with all equal sides and no right angles

Parallelogram with 4 right angles

Polygon with 3 sides

Polygon with 6 sides

Quadrilateral with 1 set of parallel sides

Polygon with 5 sides

Quadrilateral with 2 sets of parallel sides

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.

Where is the Gold?
Figure out where the leprechaun hid the gold by solving the clues.

~~RAINBOW FALLS~~ ~~LUCKY CHARM INN~~ ~~TREASURE MOUNTAIN~~ CLOVER FOREST

~~LEPRECHAUN VILLAGE~~ ~~SILVER BRIDGE~~ ~~RAINBOW RIVER~~ ~~GOLDEN FIELDS~~

Name: _____

Students complete a series of clues to figure out where the missing coins are!

HOW TO PLAY



What Happened?

The pot of gold at the end of the rainbow is missing! A leprechaun found it and hid it somewhere on the map. Now, it's up to you to figure out where they hid the gold.

1. Take a map and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering where the gold is.
3. Cross out wrong locations each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: 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.



8:56 5:49 12:11 11:14 5:51 3:32

Answers: 5:49 3:32 11:14 8:56 5:51 12:11



Letters: H O U S E S

The missing gold is not near any... 

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 LIFETIME LEARNER

Where is the Gold?

Figure out where the leprechaun hid the gold by solving the clues.



LEPRECHAUN VILLAGE

Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what place(s) to cross out. When all clues are completed, the mystery of the missing coins will be solved!

SKILL PRACTICE

Clue #1: 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.



8:56 5:49

Answers:

5:49 3:37

Letters:

H O

The missing gold is not near any...

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

Clue #3: The Rainbow

There are 1000 clowns in the park. How many clowns are there in the park?

You have 325 more hats than your cousin. You have 525 green hats. How many hats does your cousin have?

The first year you see 286 rainbows. The second year you see 135 rainbows. How many fewer rainbows did you see the second year?

You have 3760 more water than your cousin. You have 674 water. How much more water does your cousin have?

of 28 bridge

forest

is NOT near any

THE LIFETIME LEARNER

Clue 2: Who Has More?

Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

6 m	8 m	12 m	6 m	Area: 20 m ²	5 m
4 cm	9 cm	9 cm	14 m	Area: 36 cm ²	6 m
3 cm	18 cm	4 cm	7 cm	Area: 18 cm ²	5 cm
24 m	12 m	6 m	5 cm	Area: 72 m ²	9 cm

- Distributive Property
- Tell Time to the Minute
- Area and Perimeter Missing Sides
- Add and Subtract
- Word Problems to 1000
- Geometry
- St. Patrick's Day-Themed
- Error Analysis Practice

All clues focus on reviewing 3rd grade math standards!

MULTIPLE VERSIONS



Print & Digital Forms

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Clue 2: Who Has More?
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

Clue #3: The Rainbow
You have 525 green hats. You have 235 more. How many do you have now?
The first year, you see 236 rainbows. The second year you see 135 more. How many rainbows do you see in total?
There are 1000 clovers on the forest floor. There are 518 leprechauns in the forest. How many more clovers are there than leprechauns?

3 Clue Version

Cross out the following answers:
135, 674, 760, 976
What word is left? Write it on the line.
The missing gold is NOT near any **bridge**.

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Clue #4: Right or Wrong?
Color the hat green if the answer is correct. Color the hat red if it's wrong.
 $(8 \times 8) + (2 \times 8)$ $(5 \times 6) + (5 \times 3)$ $(2 \times 5) + (5 \times 5)$

Clue #5: Fill in the Blank
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.

golden line	triangle	pentagon	ray	trees oval	hexagon
square	pentagon	moon	rhombus	field	Line segment
trapezoid	trapezoid	trapezoid	trapezoid	trapezoid	star

Answer: **Square** **trapezoid** **rhombus** **pentagon** **gold** **in**

Word: **missing** **rectangle** **gold** **pentagon** **9**

Polygon with 3 sides: **triangle** **pot** Polygon with 6 sides: **hexagon** **is** Quadrilateral with 2 sets of parallel sides: **rectangle** **forest**

Clue 2: Who Has More?
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

6 m	8 m	12 m	6 m	Area: 20 m ²	5 m
4 cm	9 cm	9 cm	14 m	Area: 36 cm ²	7 m
3 cm	P: 18 cm	5 cm	4 cm	7 cm	5 cm
24 m	Area: 72 m ²	12 m	6 m	5 cm	6 cm

Clue 2: Who Has More?
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

24	54-30	14	13	43-40	3
28	88-70	18	58	78-20	68
44	64-30	34	25	35-10	15
31	91-60	21	6	26-20	16

Short & Long Options

2 MATH FACT OPTIONS!

Where is the Gold?

Figure out where the leprechaun hid the gold by solving the clues.

RAINBOW FALLS
TREASURE MOUNTAIN
LUCK CHARM INN
CLOVER FOREST
LEPRECHAUN VILLAGE
SILVER BRIDGE
GOLDEN FIELDS
RAINBOW RIVER

Name: _____

Clue #1: 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: $\frac{12}{5-7}$ $\frac{13}{9+4}$ $\frac{17}{15+2}$ $\frac{16}{6+0}$ $\frac{11}{4+7}$

Letters: H O U S E

The missing gold is not near any...

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

Clue 2: Who Has More?

Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

10	Treasure Mountain	20-10	Rainbow Falls	9	7	Treasure Mountain	12-6	Rainbow Falls	6
7	Treasure Mountain	14-8	Rainbow Falls	6	4	Treasure Mountain	7-3	Rainbow Falls	5
1	Treasure Mountain	3-2	Rainbow Falls	5	12	Treasure Mountain	18-6	Rainbow Falls	13

Clue #3: The Rainbow

Write the correct answer on each stripe of the rainbow. Then read the box at the bottom.

8+8=16 water
6+4=10 river
9+5=14 forest
10+8=18 bridge
2+7=9 falls

Write the correct answer on each stripe of the rainbow. Then read the box at the bottom.

Clue #4: Right or Wrong?

Color the hat green if the answer is correct. Color the hat red if it's wrong.

$36 \div 4$	$15 \div 5$	$60 \div 6$
9	4	3
$72 \div 8$	$20 \div 4$	$4 \div 2$
7	9	6
$42 \div 7$	$16 \div 8$	$45 \div 9$
6	2	5

Which is true?
More red hats = Cross out all places with lots of grass.
More green hats = Cross out all cars with lots of water.

Clue #5: Fill in the Blank

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.

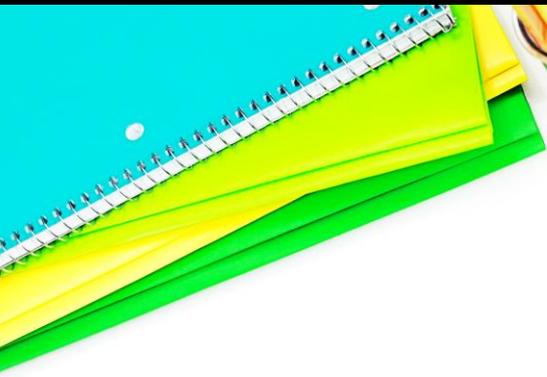
36 golden	12 gold	6 grass	22 trees	60 from	10 in
40 the	45 grass	50 sun	9 missing	42 field	3 have
21 in	48 gold	32 forest	14 outside	8 of	7 not

Answer: Word
5x8= 40 The
24÷3= 8 of
7x3= 21 in
54÷6= 9 missing
6x8= 48 gold
42÷7= 6 a
3x4= 12 pot
30÷3= 10 is
4x8= 32 forest

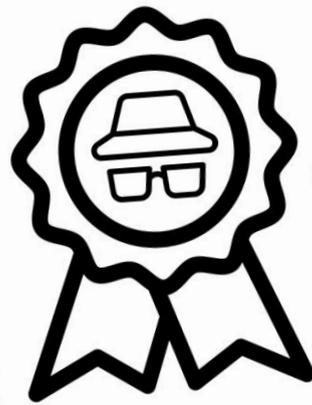
Same clues. Same mystery. Different math!

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

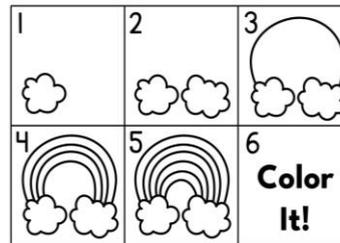
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

a rainbow



THE LIFETIME LEARNER

LET'S DRAW...

a top hat



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: Right or Wrong? 

Color the hat green if the answer is correct. Color the hat red if it's wrong.

$(8 \times 8) + (2 \times 8)$ 10×8 	$(5 \times 6) + (5 \times 3)$ 11×8 5×9 	$(2 \times 5) + (5 \times 5)$ 7×5 
$(4 \times 5) + (7 \times 5)$ 11×10 11×5 	$(2 \times 6) + (2 \times 2)$ 4×8 2×8 	$(12 \times 3) + (12 \times 8)$ 12×5 12×11 
$(3 \times 6) + (4 \times 6)$ 7×6 	$(6 \times 1) + (6 \times 3)$ 6×4 	$(4 \times 9) + (4 \times 2)$ 4×11 

Which is true?

More red hats = Cross out all places with lots of grass.
More green hats = Cross out all cars with lots of water.

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!

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Clue 2: Who Has More?
Circle each correct answer. Which location has more correct answers? That location isn't where the gold is.

Clue #3: The Rainbow
You have 6 green hats. You have 11/2 more. How many do you have?

Clue #4: Right or Wrong?
Color the hat green if the answer is correct. Color the hat red if it's wrong.

Clue #5: Fill in the Blank

golden line	triangle	pentagon	ray	trees	oval	hexagon
square	heptagon	moon	rhombus	missing	quadrilateral	Line segment
trapezoid	rectangle	parallelogram	heart	outside	of	octagon
star						

Answer: Word: **Square** **The**
Answer: Word: **octagon** **of**
Answer: Word: **trapezoid** **in**
Answer: Word: **rhombus** **missing**
Answer: Word: **rectangle** **gold**
Answer: Word: **pentagon** **a**
Answer: Word: **triangle** **pot**
Answer: Word: **hexagon** **is**
Answer: Word: **quadrilateral** **forest**

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 Detective Agency sends congratulations to:

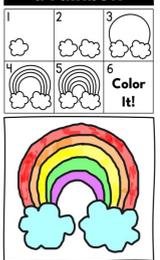


Lindsay

You solved the mystery!

Date **11/2** Presented by: **AW**

LET'S DRAW...
a rainbow



LET'S DRAW...
a top hat



Where is the Gold?
Figure out where the leprechaun hid the gold by solving the clues.



Locations marked with red X's: RAINBOW FALLS, TREASURE MOUNTAIN, LEPRECHAUN VILLAGE, LUCKY CHARM INN, SILVER BRIDGE, GOLDEN FIELDS, RAINBOW RIVER.

Location circled in purple: CLOVER FOREST.

Name: _____

solve the mystery



The Case of the Missing Gold Coins

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: Color the Kids

Answer each question. Then, color in each kid.

The leprechaun hides _____ the bridge to scare people passing by.	A shiny coin sparkled _____ the muddy shoe.	The trap was set _____ the old tree stump.	The rainbow stretched all the way _____ the cloudy sky.	They peeked _____ the tall grass to spot him.	A giggle echoed from _____ the green curtain.
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color it red inside - color it red across - color it red along - color it red behind - color it red
color it green into - color it green beside - color it green through - color it green around - color it green
color it yellow over - color it yellow near - color it yellow up - color it yellow over - color it yellow
color it blue near - color it blue onto - color it blue beside - color it blue along - color it blue

What color kids do you see? Find the key that matches for your next hint!

• 1 red kid • 1 blue kid • 2 green kids • 2 yellow kids The gold is not in a place filled with trees.	• 2 red kids • 2 blue kids • 1 green kid • 1 yellow kid The gold is not in a place with water.	• 2 red kids • 1 blue kid • 2 green kids • 1 yellow kid The gold is not where it's hard to climb.	• 1 red kid • 2 blue kids • 1 green kid • 2 yellow kids The gold is not in a place like a hotel.
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Last, use the decoder at the bottom to solve the clue.

Answers: 8:56	5:49	12:11	11:14	5:51	3:32
H	O	U	S	E	S

The missing gold is not near any...

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 =	

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!**

