WHAT IS THIS?
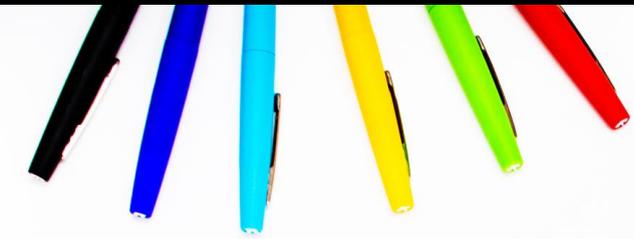

Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Decide if each number was written in standard form correctly.
Put a check or X next to each problem.

Clue #3: Detective Report
The pirates sailed _____ miles to reach the treasure island. When the captain got off the ship, he ordered _____ of his pirates to look for the treasure. Some of the pirates looked near the waterfall, bu...

fifty-nine thousand two hundred nineteen — 59,219
thirty-six thousand four hundred eighty-two — 36,482
eighty-three thousand — 83,290

Clue #4: The Pirate Ship

| 25,893 | 73,247 | 49,194 | 64,425 | 58,461 |
| 46,276 | 51,510 | 52,339 | 75,581 | 15,852 |

Clue #5: Picture Reveal
Color the thousands blocks blue.
Color the hundreds blocks pink.
Color the tens blocks yellow.
Color the ones blocks green.
Figure out the total value of the base ten blocks below. Count all blocks.

total of 28,756

Now that you have figured out the total value above, add all the digits in the number together.
Use that sum to find your clue in the key below.
The treasure is hidden somewhere...

26: With lava
27: With water
28: Without lava
29: With rocks

2+8+7+5+6 = 28

solve the mystery
The Case of the Missing Treasure

THE LIFETIME LEARNER

Where's the Treasure?
As you solve each clue, cross out the places the treasure is not located. The location left at the end is where the treasure is.

| Jungle | Beach | Waterfall | Volcano |
| Cave | River | Mountains | Beach Hut |

Name:

THE LIFETIME LEARNER

Students complete a series of clues to figure out where the treasure is located!

HOW TO PLAY

What Happened?

Oh no! The treasure has been stolen by pirates and no one knows where it is located. Now, it's your job to search different locations to find the treasure and save the day!

1. Take a location list and start solving each clue.
2. Each time you solve a clue, you will get closer to discovering where the treasure is located.
3. Cross out wrong places each time you find new information. Good luck!
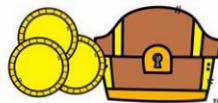
Clue #1: Picture Decoder

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

35,184   45,679   76,845   19,358   53,388   74,697   54,854   67,148   91,385

Answers: 76,845 19,358 45,679 67,148 54,854 91,385 35,184 53,388 74,697

Letters: H A S N O D O O R

The treasure is hidden in a place that:

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

Where's the Treasure?

As you solve each clue, cross out the places the treasure is not located. The location left at the end is where the treasure is.

Jungle | Beach | Waterfall | Volcano
Cave | River | Mountain | Beach Hut
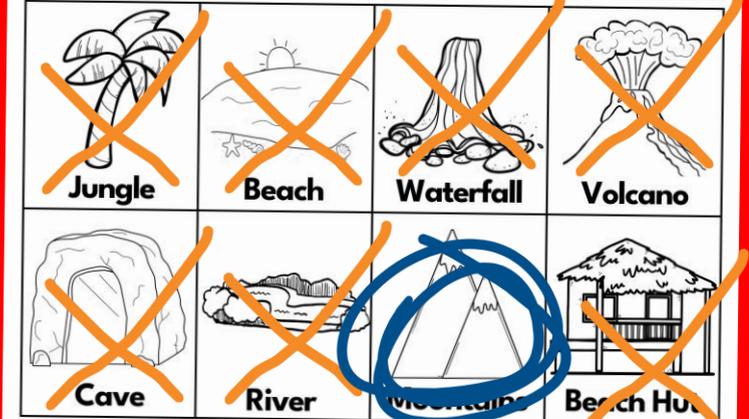
Name:

Each time students solve a clue, it will reveal what place(s) to cross out.

When all clues are completed, the mystery of the pirate treasure will be solved!

SKILL PRACTICE

- Expanded Form
- Word Form
- Place Value
- Base Ten Blocks
- Writing Numbers
- Standard Form
- Pirate-Themed
- Error Analysis Practice

Clue #1: Picture Decoder

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

35,184   45,679   76,845   52,398   74,697   54,854   67,148   91,385

Answers: 76,845   19,358   45...

- 7 ten thousands
- 6 thousands
- 8 hundreds
- 4 tens
- 5 ones

- 5 tens
- 9 thousands
- 1 ten thousand
- 3 hundreds
- 8 ones

- 5 th...
- 6 hu...
- 4 te...
- 7 te...
- 9 on...

Letters: H   A

The treasure is hidden in a place that:

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

Clue #2: Error Analysis

Decide if each number was written in standard form correctly.
Put a check or X next to each problem.

✓ 60,000+400+50+8,000+6=68,456
✗ 60+9,000+500+70,000+8=75,968
✓ 2,000+100+9+20+80,000=82,129
✗ 700+4,000+4+40,000+80=44,487
✗ 3,000+7+30+60,000+600=63,367

✗ 90,000+300+70+5+3,000=93,735
✓ 5,000+20+800+4+20,000=25,824
✓ 900+6+30,000+4,000+50=34,956
✓ 1,000+200+70,000+7+10=71,217
✗ 40,000+2,000+2+60+400=24,462

✓ 200+40+9+10,000+5,000=15,249
✗ 30+9,000+700+1+30,000=37,931
✓ 500+6+7,000+50,000+80=57,586
✗ 10,000+600+2+60+1,000=11,626
✗ 3+9,000+40+30,000+900=39,493

The location with the most correct answers is not where the treasure is hidden.

THE LIFETIME LEARNER

Clue #3: Detective Report

...ty-nine thousand 59,219
two hundred
nineteen

...36,482
...of his pirates to look for the treasure. When the captain got off the ship, he

...found   eighty-three   83,290
thousand   two hundred
ninety

...looked in the forest and found

Twenty-nine thousand   29,248
two hundred
forty-eight   drawings on

...on the ground, where he whooped for

35,217=I	38,409=T	29,195=U
15,912=J	88,151=Q	60,287=S
77,328=G	33,812=B	59,521=F
59,219=W	18,473=X	83,402=M
65,995=Z	95,428=E	29,248=A
10,306=D	25,115=V	95,448=P
63,284=N	36,482=O	83,290=R
24,538=K	36,755=H	38,261=C
78,359=E	38,398=Y	33,333=L

THE LIFETIME LEARNER

All clues focus on reviewing 4th grade place value!
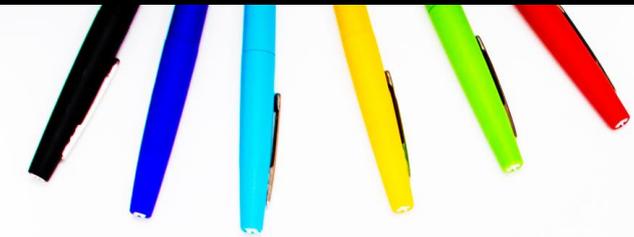
MULTIPLE VERSIONS

Print & Digital Forms

Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Decide if each number was written in standard form correctly.
Put a check or X next to each problem.

Clue #3: Detective Report
The pirates sailed _____ miles to reach the treasure island. When the captain got off the ship, he

Clue #4: The Pirate Ship

Clue #5: Picture Reveal
Figure out the total value of the base ten blocks below. Count all blocks.

3 Clue Version

5 Clue Version

Short & Long Options

2 MATH FACT OPTIONS!

Where's the Treasure?
As you solve each clue, cross out the places the treasure is not located. The location left at the end is where the treasure is.

Jungle	Beach	Waterfall	Volcano
Cave	River	Mountains	Beach Hut

Name:

Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the

6   12   10   14   13   5   11   4

Answers:
5+5   8+6   10+2   1+3   4+7   13+5   2+4   7+

Letters:

The treasure is hidden in a place that:

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

Clue #2: Error Analysis
Decide if each number was written in standard form correctly.
Put a check or X next to each problem.

☐ 20-6=14   ☐ 12-6=7   ☐ 13-9=5
☐ 4-3=0   ☐ 15-9=6   ☐ 8-2=7
☐ 9-3=6   ☐ 18-8=11   ☐ 16-8=8

The treasure is
hidden in a
place that:

Clue #3: Detective Report
The pirates sailed ___6+7___ miles to reach the treasure island. When the captain got off the ship, he
ordered ___15+4___ of his pirates to look for the treasure. Some of the pirates looked near the
waterfall, but they only found ___3+5___ seashells. Other pirates looked in the forest and found
___6+9___ animals. The captain looked inside a cave and was surprised to see ___4+2___ drawings on
___ wall. He followed the drawings down the cave until he saw an X on the ground, where he whooped for
___6+6___ times. After digging under the X, he found a treasure
with ___4+3___ diamonds and jewels.

The treasure is hidden in a place that has:
☐ ☐ ☐ ☐ ☐ ☐

E=12	A=6
W=13	O=19
N=15	T=7

Clue #4: The Pirate Ship

5÷1 C	70÷7 L	36÷4 H	25÷5 U	48÷6 O
14÷2 S	6÷3 I	8÷8 W	54÷9 G	24÷4 E
		72÷9 P	28÷7 H	

Directions:
First, write the answer in
each box on the pirate ship.

Figure out the value of the underlined place.
Write it in each box.

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

Cross out the boxes with the following answers:
5, 10, 8, 7, 1, 3,
The letters that are left will reveal a message.

The treasure is hidden somewhere

Clue #5: Picture Reveal

6x6=
6x4=   9x4=
3x8=   2x6=
4x9=   4x3=   8x4=

Which answer did you get most often?

Use that number to figure out the final clue in the key!

The treasure is hidden somewhere...
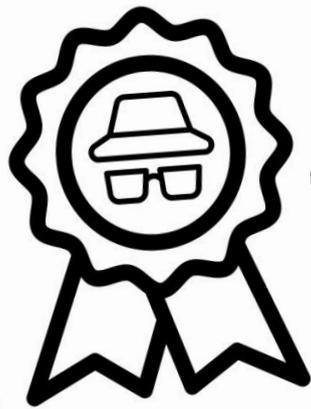| 12: With lava | 32: With rocks |
| 24: With water | 36: Without lava |

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

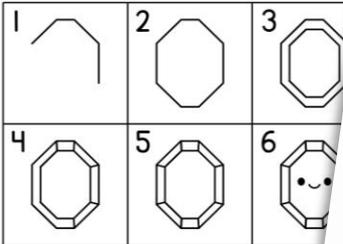The Detective Agency sends congratulations to:

Lindsay
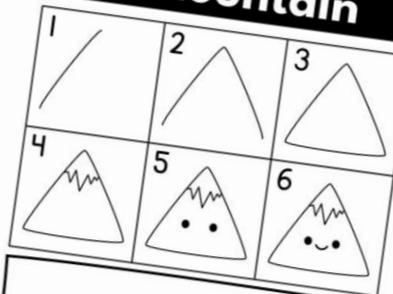
You solved the mystery!

11/2

Date

Presented by:

THE LIFETIME LEARNER

LET'S DRAW...
a jewel

1 2 3
4 5 6

THE LIFETIME LEARNER

LET'S DRAW...
a mountain

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: The Pirate Ship

25,893	73,247	49,194	64,425	58,461
90	70,000 H 9,000		S	8,000
46,276	51,510	52,339	75,581	15,852
40,000	I 500	300	G 5,006	800

| 27,948 | 94,706 |
| 40 | H 90,000 |

Directions:
First, write the answer in each box on the pirate ship.

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

Figure out the value of the underlined place. Write it in each box.

Cross out the boxes with the following answers:
- 300
- 800
- 40,000
- 5
- 8,000
- 40
- 90
- 70,000

The letters that are left will reveal a message.

The treasure is hidden somewhere

High _____.

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

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Clue #4: The Pirate Ship
| 25,893 | 73,247 | 49,194 | 64,425 | 58,461 |

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total of 28,756

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Use that sum to find your clue in the key below.
The treasure is hidden somewhere...

26: With lava	29: With rocks
27: With water	2+8+7+5+6 =28
	28: Without lava

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2   AW

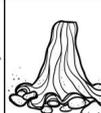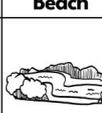Date   Presented by:

Where's the Treasure?

As you solve each clue, cross out the places the treasure is not located. The location left at the end is where the treasure is.

| Jungle | Beach | Waterfall | Volcano |
| Cave | River | Mountains | Beach Hut |

Name:

LET'S DRAW...
a jewel

LET'S DRAW...
a mountain

---

solve the mystery

The Case of the Missing Treasure

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: The Missing Treasure

Example of Clue 1

Math

Clue #1: Picture Decoder

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 4TH GRADE
30 THEMES
The Suspect List
Read what the suspects had to say about where they were when the magic word went missing.

Dragon | Fairy | Gnome | Unicorn
Wizard | Monster | Witch | Troll

Name:

THE BUNDLE