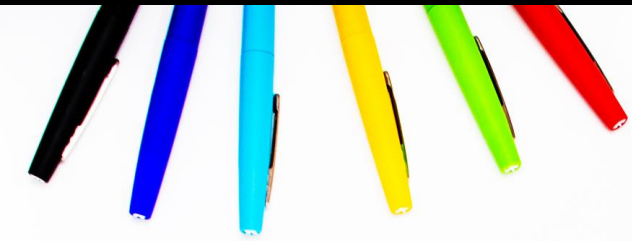


WHAT IS THIS?



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 the underlined part of each statement is true or false. Put a check or X next to each problem.

Answer

Clue #3: Detective Report

The pirates sailed 50,000x2,000 109,000,000 miles to reach the treasure island. When the captain got off the ship, he ordered 500x30,000 15,000,000 of his pirates to look for the treasure. Some of the pirates looked near the 4,000x80 320,000 waterfall, but

Clue #4: The Pirate Ship

hundredths place	hundred thousands place	hundred million place	hundreds place	ones place
0.04	400,000	300,000	500	3
ten place	ten million place	tenths place	thousands place	ten thousands place
70	40,000,000	0.000	4,000	70,000

Clue #5: Picture Reveal

How did the decimal move in each box below? Use the key at the bottom to help you color each box in.

Key:
Green: Decimal moved 2 places to the right
Yellow: Decimal moved 2 places to the left
Red: Decimal moved 1 place to the left
Blue: Decimal moved 1 place to the right

Legend:
Green: With lava Red: With rocks
Yellow: With water Blue: Without lava

The treasure is hidden somewhere...

Which color did you see the most of?
Use that color to figure out the final clue in the key!

solve the mystery

The Case of the Missing Treasure

THE LIFETIME LEARNER

Where's the Treasure?

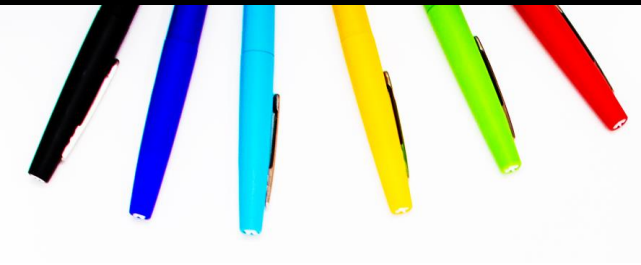
As you solve each clue, cross out the places the treasure is not located. The location left at the end is where the treasure is.

 Jungle	 Beach	 Waterfall	 Volcano
 Cave	 River	 Mountains	 Beach Hut

Name: _____

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!

THE LIFETIME LEARNER

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.

800,000	1,000,000	100,000	50,000	10,000	8,000,000	80,000	500,000	5,000	

Answers: 10,000 50,000 1,000,000 500,000 80,000 5,000 500,000 10,000 8,000,000

Letters: H A S N O D O R

The treasure is hidden in a place that:

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'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: _____

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 pirate treasure will be solved!

SKILL PRACTICE

- Place Value
- Value of 0
- Multiply by Tens
- Moving the Decimal
- Identify Each Place Value
- 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.



Answers: 100,000 50,000 100,000


Letters: H A S

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 the underlined part of each statement is true or false. Put a check or X next to each problem.




2,882,992

- The 8 in the ten thousands place is 1/10 the value of the 8 in the hundred thousands place.
- The 2 in the millions place is 1,000 times the value of the 2 in the thousands place.
- The 2 in the thousands place is 10,000 times the value of the 2 in the ones place.
- The 9 in the tens place is 1/100 the value of the 9 in the hundreds place.



3,454,355

- The 3 in the millions place is 1,000 times the value of the 3 in the hundreds place.
- The 4 in the hundred thousands place is 100 times the value of the 4 in the thousands place.
- The 5 in the ones place is 1/10 the value of the 5 in the tens place.
- The 5 in the ten thousands place is 1,000 times more the value of the 5 in the tens place.



8,611,861

- The 6 in the tens place is 10,000 times more than the 6 in the hundred thousands place.
- The 1 in the thousands place is 1/10 of the value of the 1 in the ten thousands place.
- The 1 in the ten thousands place is 10,000 times more than the 1 in the ones place.
- The 8 in the millions place is 1,000 times more than the 8 in the hundreds place.

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

Clue #3: Detective Report

109,000,000 miles to reach the treasure island. When the captain got off the ship, he found 15,000,000 of his pirates to look for the treasure. Some of the pirates looked near the 4,000x80 320,000 400,000,000 drawings on the ground, where he whooped for

80,000,000-I	100,000-E
32,000-J	160,000-V
4,000-G	15,000,000-O
100,000,000-W	150,000-H
3,200,000-Z	32,000,000-Y
800-D	160,000,000-T
1,500,000-N	8,000-S
3,200-K	10,000,000-F
8,000,000-E	1,600,000-M
16,000,000-T	400,000,000-A
5,000-Q	800,000-P
1,600-B	320,000-R
100,000,000-X	100,000-C

All clues focus on reviewing 5th grade place value!

MULTIPLE VERSIONS



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 the underlined part of each statement is true or false. Put a check or X next to each problem.

Clue #3: Detective Report
The pirates sailed $50,000 \times 2,000$ 109,000,000 miles to reach the treasure island. When the captain got off the ship, he ordered $500 \times 30,000$ 15,000,000 of his pirates to look for the treasure. Some of the pirates looked near the $4,000 \times 80$ 320,000 waterfall, but they only found 400,000,000 seashells. Other pirates looked in the forest and found $30 \times 50,000$ 1,500,000 drawings on the wall. He followed the $20,000 \times 400$ 8,000,000 whooped for joy. The treasure is hidden in a place that has:
NO WATER

Write each answer above each blank. Then, use the decoder to figure out the message.

3 Clue Version

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 the underlined part of each statement is true or false. Put a check or X next to each problem.

Clue #3: Detective Report
The pirates sailed $50,000 \times 2,000$ 109,000,000 miles to reach the treasure island. When the captain got off the ship, he ordered $500 \times 30,000$ 15,000,000 of his pirates to look for the treasure. Some of the pirates looked near the $4,000 \times 80$ 320,000 waterfall, but they only found 400,000,000 seashells. Other pirates looked in the forest and found $30 \times 50,000$ 1,500,000 drawings on the wall. He followed the $20,000 \times 400$ 8,000,000 whooped for joy. The treasure is hidden in a place that has:
NO WATER

Write each answer above each blank. Then, use the decoder to figure out the message.

Clue #4: The Pirate Ship
The treasure is hidden somewhere...
Green: With lava Red: With rocks
Yellow: With water Blue: Without lava

Clue #5: Picture Reveal
How did the decimal move in each box below? Use the key at the bottom to help you color each box in.

Which color did you see the most of?
Use that color to figure out the final clue in the key!

5 Clue Version

Print & Digital Forms

Clue #5: Picture Reveal
How did the decimal move in each box below? Use the key at the bottom to help you color each box in.

Which color did you see the most of?
Use that color to figure out the final clue in the key!

The treasure is hidden somewhere...
Green: With lava Red: With rocks
Yellow: With water Blue: Without lava

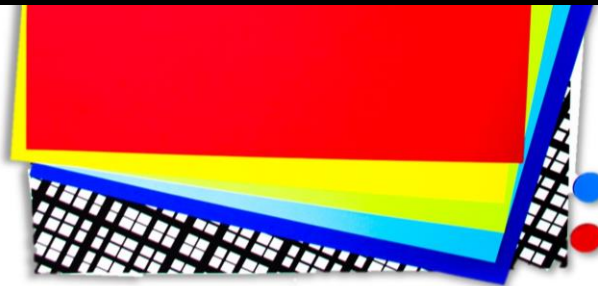
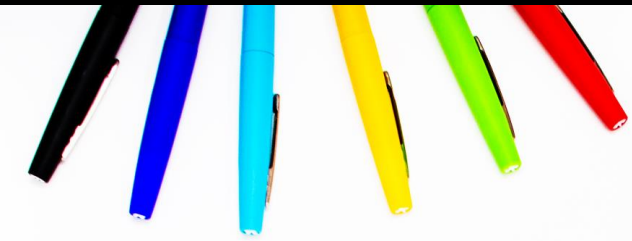
Clue #5: Picture Reveal
How did the decimal move in each box below? Use the key at the bottom to help you color each box in.

Which color did you see the most of?
Use that color to figure out the final clue in the key!

The treasure is hidden somewhere...
Green: With lava Red: With rocks
Yellow: With water Blue: Without lava

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 picture.

6 12 10 14 13 5 11 4

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

Letters: _____

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.

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

Clue #4: The Pirate Ship

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

Directions: First, write the answer in each box on the pirate ship. Then, read what to do in the box of the bottom.

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

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 #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 the 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:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

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

Clue #5: Picture Reveal

$6 \times 6 =$ $9 \times 4 =$ $2 \times 6 =$
 $6 \times 4 =$ $3 \times 8 =$ $8 \times 4 =$
 $4 \times 9 =$ $4 \times 3 =$

The treasure is hidden somewhere...

Which answer did you get most often?

12: With lava	32: With rocks
24: With water	36: Without lava

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

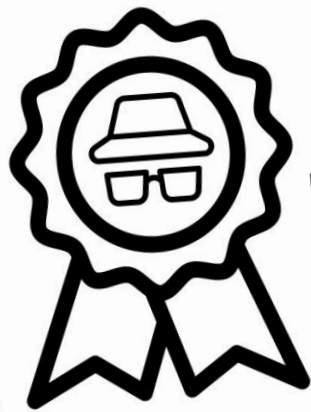
Same clues. Same mystery. Different math!

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

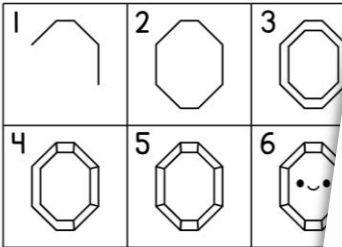
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

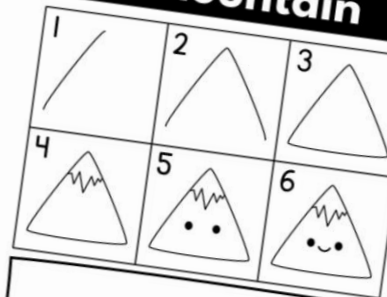
a jewel



THE LIFETIME LEARNER

LET'S DRAW...

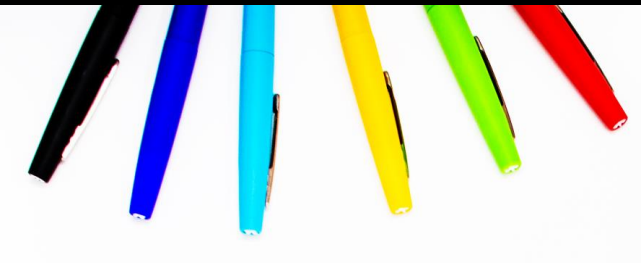
a mountain



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

hundredths place X 0.04	hundred thousands place X 400,000	hundred millions place H 300,000	hundreds place X 500	ones place X 3
tens place X 70	ten millions place I 40,000	tenths place W 0.6	thousandths place G 0.005	ten thousands place X 70,000
		thousands place X 5,000	millions place H 6,000	

Look at the number on the pirate ship. Use that number to fill in each sail with the correct value.

Directions:
First, write the answer in each box on the pirate ship.
Then, read what to do in the box at the bottom.

Cross out the boxes with the following answers:

• 0.04	• 0.6	• 70
• 500	• 5,000	• 3
• 70,000	• 400,000	

The letters that are left will reveal a message.

The treasure is hidden somewhere

High

THE LIFETIME LEARNER

In 5th 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.

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 $50,000 \times 2,000$ miles to reach the treasure island. When the captain got off the ship, he ordered $500 \times 30,000$ of his pirates to look for the treasure. Some of the pirates looked near the

Clue #4: The Pirate Ship
93 47 94 25 61

Clue #5: Picture Reveal
How did the decimal move in each box below? Use the key at the bottom to help you color each box in.

8,100 becomes 810	234,000 becomes 2,340	54,700 becomes 547
649 becomes 64,900	3,050 becomes 30,500	10 becomes 100
953,000 becomes 9,530,000	1350 becomes 135	33,000 becomes 3,300,000

The treasure is hidden somewhere...
Green: Decimal moved 2 places to the right
Yellow: Decimal moved 2 places to the left
Red: Decimal moved 1 place to the left
Blue: Decimal moved 1 place to the right

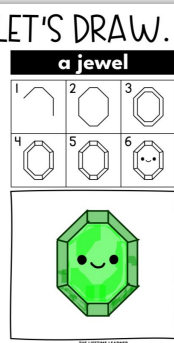
Which color did you see the most of?
Use that color to figure out the final clue in the key!

The Detective Agency sends congratulations to:

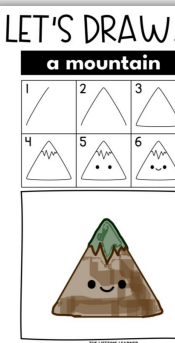
Lindsay
You solved the mystery!

11/2 Date *AW* Presented by:



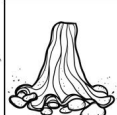
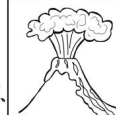




LET'S DRAW...
a jewel



LET'S DRAW...
a mountain



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: _____

solve the mystery



The Case of the Missing Treasure

WHAT MAKES MATH MYSTERIES UNIQUE?

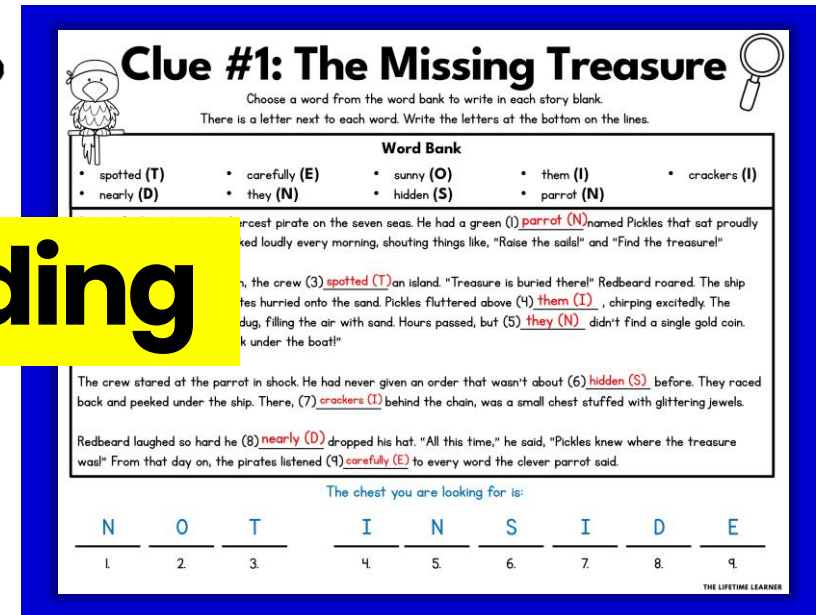
Math Mysteries aren't just a copy of Reading Mysteries!

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

Choose a word from the word bank to write in each story blank. There is a letter next to each word. Write the letters at the bottom on the lines.

Word Bank

- spotted (T)
- carefully (E)
- sunny (O)
- them (I)
- crackers (I)
- nearly (D)
- they (N)
- hidden (S)
- parrot (N)

...the crew (3) spotted (T) an island. "Treasure is buried there!" Redbeard roared. The ship hurried onto the sand. Pickles fluttered above (4) them (I), chirping excitedly. The dug, filling the air with sand. Hours passed, but (5) they (N) didn't find a single gold coin. k under the boat!"

The crew stared at the parrot in shock. He had never given an order that wasn't about (6) hidden (S) before. They raced back and peeked under the ship. There, (7) crackers (I) behind the chain, was a small chest stuffed with glittering jewels.

Redbeard laughed so hard he (8) nearly (D) dropped his hat. "All this time," he said, "Pickles knew where the treasure was!" From that day on, the pirates listened (9) carefully (E) to every word the clever parrot said.

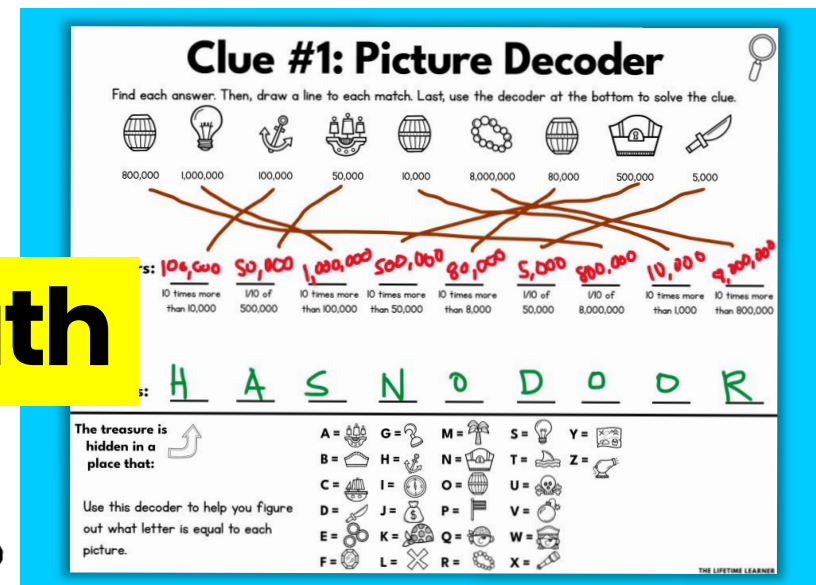
The chest you are looking for is:

N	O	T	I	N	S	I	D	E
1.	2.	3.	4.	5.	6.	7.	8.	9.

THE LIFETIME LEARNER

Example of Clue 1

Math



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.

800,000	1,000,000	100,000	50,000	10,000	8,000,000	80,000	500,000	5,000

Answers: 100,000, 50,000, 1,000,000, 500,000, 80,000, 5,000, 500,000, 10,000, 8,000,000

10 times more than 10,000: 100,000
1/10 of 500,000: 50,000
10 times more than 100,000: 1,000,000
10 times more than 50,000: 500,000
10 times more than 8,000: 80,000
1/10 of 50,000: 5,000
1/10 of 8,000,000: 800,000
10 times more than 1,000: 10,000
10 times more than 800,000: 8,000,000

Decoder: H A S N O D O O R

The treasure is hidden in a place that:

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 =	

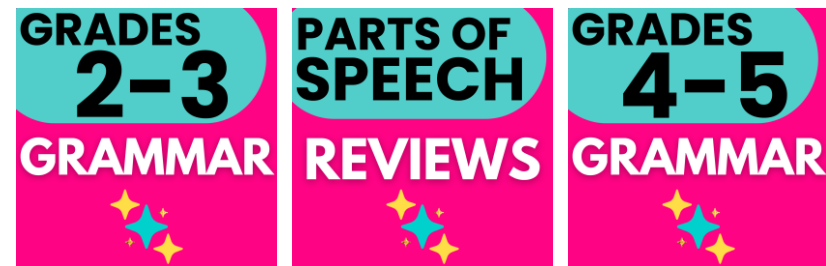
Use this decoder to help you figure out what letter is equal to each picture.

THE LIFETIME LEARNER

KEEP THE FUN GOING!

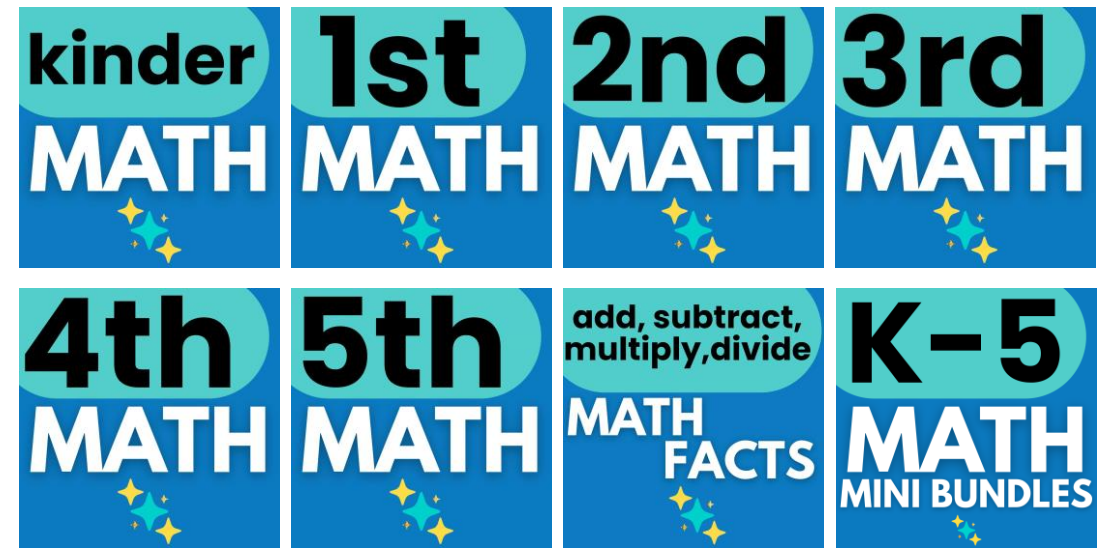
GRAB A **READING MYSTERY**:

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!**

