

WHAT IS THIS?

The image features a central title card with the text "solve the mystery" in a large, bold, black font, with "The Case of the Scuba Diver" in a smaller font below it. To the left of the title card are five overlapping clue cards, each with a magnifying glass icon and a title:

- Clue #1: Sorting Fish**
Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!
- Clue #2: Color the Fish**
Solve each question. Circle the right answer and color in the fish based on what each answer tells you. Then read the bottom.
- Clue #3: Detective Report**
Once, I went scuba-diving in the ocean and saw more than 20-5 sea creatures. First I saw an 15.
- Clue #4: The Scuba Diver**
Put the correct answer in each box. Then, read what to do at the bottom.
- 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.

To the right of the title card is a grid titled "What Did I See in the Ocean?" with the instruction "Read the facts about each animal to help you solve the clues." The grid contains eight animals, each with a fact and a drawing. The facts are: "I have red fins," "I have yellow tentacles," "I have a blue nose," "I have green tentacles," "I have red claws," "I have a blue tail," "I have a green shell," and "I have a yellow face." The animals are Pufferfish, Octopus, Dolphin, Jellyfish, Crab, Shark, Sea Turtle, and Seahorse. The Pufferfish, Octopus, Dolphin, and Jellyfish are crossed out with a red X. The Crab, Shark, Sea Turtle, and Seahorse are not crossed out.

At the bottom of the image, there is a large text area with the text "Students complete a series of clues to figure out what sea creature you saw!"

Students complete a series of clues to figure out what sea creature you saw!

HOW TO PLAY



What Happened?

On your scuba diving trip, you had a great time exploring the sea. The problem is that you don't know which type of ocean creature you saw! Now, you need to solve some clues to figure out which animal it was. Solve the mystery so you can tell your friends about your scuba adventure.













1. Take a list of sea animals and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which animal you saw.
3. Cross out the wrong animals each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: Sorting Fish

Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

 10 brown	 14 purple	 7 green	 9 blue
 14 $8+6$	 9 $4+5$	 10 $8+2$	 7 $1+6$
 10 $9+1$	 7 $4+3$	 14 $5+9$	 9 $7+2$

Cross out the red animals if there are:

- 2 brown fish
- 3 purple fish
- 2 green fish
- 3 blue fish

Cross out the blue animals if there are:

- 2 brown fish
- 2 purple fish
- 3 green fish
- 3 blue fish

Cross out the yellow animals if there are:









- 3 brown fish
- 2 purple fish
- 2 green fish
- 2 blue fish

Cross out the green animals if there are:

- 3 brown fish
- 2 purple fish
- 3 green fish
- 2 blue fish

What Did I See in the Ocean?

Read the facts about each animal to help you solve the clues.

 I have red fins. Pufferfish	 I have yellow tentacles. Octopus	 I have a blue nose. Dolphin	 I have green tentacles. Jellyfish
 I have red claws. Crab	 I have a blue tail. Shark	 I have a green shell. Sea Turtle	 I have a yellow face. Seahorse

Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what sea creature to cross out.
When all clues are completed, the mystery of the scuba diver will be solved!

SKILL PRACTICE

Clue #1: Sorting Fish

Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

24 brown, 36, 60, 72 blue

9x4, 12x6, 2x12, 6x10

Cross out the red animals if there are:

- 2 brown fish
- 3 purple fish
- 2 green fish
- 3 blue fish

Clue #2: Color the Fish

Solve each question. Circle the right answer and color in the fish based on what each answer tells you. Then read the bottom.

$72 \div 8$
A. 7 - green stripes
B. 8 - red stripes
C. 9 - yellow stripes
D. 10 - blue stripes

$42 \div 7$
A. 5 - red nose
B. 6 - blue nose
C. 7 - green nose
D. 8 - yellow nose

$90 \div 9$
A. 10 - orange fins
B. 9 - purple fins
C. 8 - red fins
D. 7 - green fins

$28 \div 4$
A. 6 - pink bubbles
B. 7 - blue bubbles
C. 8 - gray bubbles
D. 9 - orange bubbles

$15 \div 3$
A. 8 - orange seaweed
B. 7 - yellow seaweed
C. 6 - blue seaweed
D. 5 - green seaweed

$30 \div 5$
A. 6 - purple eyes
B. 7 - red eyes
C. 8 - blue eyes
D. 9 - white eyes

Choose the key below that matches how you colored the picture of the fish.

Cross out the jellyfish if the fish has:	Cross out the crab if the fish has:	Cross out the sea turtle if the fish has:	Cross out the shark if the fish has:
<ul style="list-style-type: none">Blue stripesYellow noseOrange finsBlue bubblesBlue seaweedPurple eyes	<ul style="list-style-type: none">Yellow stripesBlue noseGreen finsPink bubblesGreen seaweedBlue eyes	<ul style="list-style-type: none">Yellow stripesBlue noseOrange finsBlue bubblesYellow seaweedWhite eyes	<ul style="list-style-type: none">Yellow stripesBlue noseOrange finsBlue bubblesGreen seaweedPurple eyes

Clue #3: Detective Report

diving in the ocean and saw more than 4×2 sea creatures. First, I saw a turtle with 6×5 babies. I saw 10×4 seagulls were flying on the sand. On my way back to the shore, I saw away and got to the shore.

C=45, T=56, E=64, L=63, A=8, N=24, E=30, S=40, T=90

- Version 1:
Addition & Subtraction Facts
- Version 2:
Multiplication & Division Facts

All clues focus on reviewing math facts!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Sorting Fish

Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Clue #2: Color the Fish

Solve each question. Circle the right answer and color in the fish based on what each answer is.

Clue #3: Detective Report

Once, I went scuba-diving in the ocean and saw more than $8+6$ sea creatures. First, I saw an orange fish with $9+9$ spots. Then, I saw a sea turtle with $2+3$ babies.

Out at sea, I saw 16 fish flying around above the water. Back to the shore, I saw a shark with 16 teeth. Where I picked up the shark, there were 5 more, where I picked up the shark, there were 5 more.

3 Clue Version

The creature does not have:



Figure out each answer. Then, use the decoder to figure out the clue.

E=19 S=15
L=18 T=6
A=14

Clue #1: Sorting Fish

Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Clue #2: Color the Fish

Solve each question. Circle the right answer and color in the fish based on what each answer is.

Clue #3: Detective Report

Clue #4: The Scuba Diver

Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Fill in the Blank

4	sharp	12	the	9	claws	5	that	11	is	8	nose
6	creature	15	teeth	17	fish	18	gray	2	saw	1	skin
3	fin										fish

Answer:

5+7 12

8-6 2

4+2 6

creature

6-5 1

saw

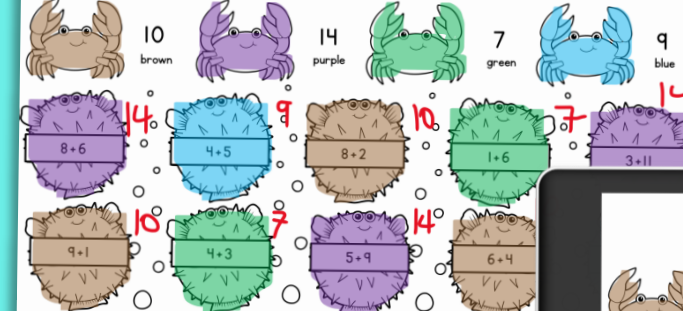
6+3 9

claws

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.

Clue #1: Sorting Fish

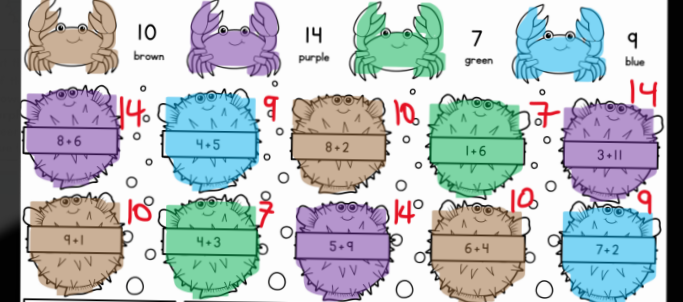
Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!



- Cross out the red animals if there are:
 - 2 brown fish
 - 3 purple fish
 - 2 green fish
 - 3 blue fish
- Cross out the blue animals if there are:
 - 2 brown fish
 - 2 purple fish
 - 3 green fish
 - 3 blue fish
- Cross out the yellow animals if there are:
 - 3 brown fish
 - 3 purple fish
 - 2 green fish
 - 2 blue fish

Clue #1: Sorting Fish

Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!



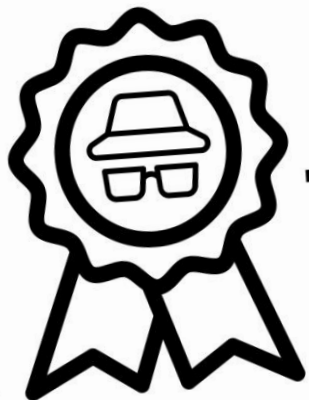
- Cross out the red animals if there are:
 - 2 brown fish
 - 3 purple fish
 - 2 green fish
 - 3 blue fish
- Cross out the blue animals if there are:
 - 2 brown fish
 - 2 purple fish
 - 3 green fish
 - 3 blue fish
- Cross out the yellow animals if there are:
 - 3 brown fish
 - 3 purple fish
 - 2 green fish
 - 2 blue fish
- Cross out the green animals if there are:
 - 3 brown fish
 - 2 purple fish
 - 3 green fish
 - 2 blue fish

Short & Long Options

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

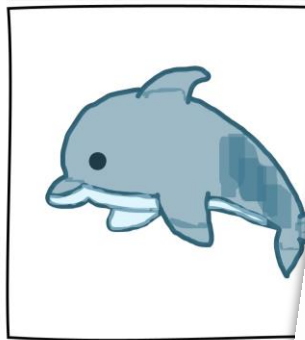
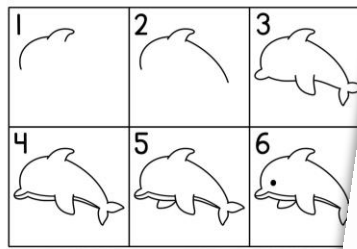
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

a dolphin



THE LIFETIME LEARNER

LET'S DRAW...

a fish



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
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: The Scuba Diver

Put the correct answer in each box. Then, read what to do at the bottom.



$18 \div 6$ R 3X	$81 \div 9$ S 9	$48 \div 8$ H 6	$20 \div 5$ A 4X
$35 \div 7$ E 5	$72 \div 9$ D 8X	$14 \div 7$ L 2	$63 \div 9$ L 7

Cross out the boxes with the following answers:
3, 8, 4

The letters that are left will reveal a message.

The creature does not have a:
Shell

THE LIFETIME LEARNER

This can be used in
partners, small
groups with the
teacher, table
groups, centers, and
more!

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: Sorting Fish
Solve each equation by crossing out the fish in the tanks. Color the fish the same color as the box they belong to. Then, find the correct key at the bottom to solve the clue!

Clue #2: Color the Fish
Solve each question. Circle the right answer and color in the fish based on what each answer tells you. Then read the bottom.

Clue #3: Detective Report
Once, I went scuba-diving in the ocean and saw more than 17-9 sea creatures. First, I

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

Clue #5: Fill in the Blank

4	sharp	12	the	9	claws	5	that	11	is	8	nose
6	creature	15	teeth	17	has	18	gray	2	saw	1	saw
3	fins	10	saw	13	no	20	you	7	gills	14	fish

Answer: Word: Answer: Word: Answer: Word:

5+7	12	The	14-9	5	that	8+9	17	has
8-6	2	saw	13+7	20	you	11-7	4	sharp
4+2	6	creature	6-5	1	saw	6+3	9	claws

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**

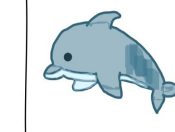
You solved the mystery!

11/2 SW

Date Presented by:


LET'S DRAW... a dolphin

1 2 3 4 5 6



LET'S DRAW... a fish

1 2 3 4 5 6




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



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

Name: _____

solve the mystery



The Case of the Scuba Diver

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: Error Analysis

Was the correct word chosen in each sentence? Put a check or an X next to each answer. Read the hint from the animal with the most correct answers.

Animal	Clue	Word	Correct?
Shark	I have sharp claws. You did not see any.	verb	<input checked="" type="checkbox"/>
	The crab loves to jump in the sea.	noun	<input checked="" type="checkbox"/>
	The crab hid under a big board.	adjective	<input checked="" type="checkbox"/>
Shark	I have sharp teeth. You did not see any sharp teeth!	adverb	<input checked="" type="checkbox"/>
	The friendly shark will meet other fish.	adjective	<input checked="" type="checkbox"/>
	The shark has a strong tail.	noun	<input checked="" type="checkbox"/>
Sea Turtle	I have a green shell. You did not see a green shell.	noun	<input checked="" type="checkbox"/>
	Its shell is blue and green.	adverb	<input checked="" type="checkbox"/>
	The shell is very plain and smooth.	pronoun	<input checked="" type="checkbox"/>

Example of Clue 1

Math

Clue #1: Sorting Fish

Figure out the answer to each fish. Color the fish the same color as the box they belong in. Then, find the correct key at the bottom to solve the clue!

Fish	Equation	Color
10	10	brown
14	14	purple
7	7	green
9	9	blue
14	4+5	purple
9	8+2	blue
10	1+6	green
14	3+11	purple
10	4+3	blue
7	5+9	green
14	6+4	purple
10	7+2	blue

Key	Color	Count
Cross out the red animals if there are:	red	2 brown fish, 3 purple fish, 2 green fish, 3 blue fish
Cross out the blue animals if there are:	blue	2 brown fish, 2 purple fish, 3 green fish, 3 blue fish
Cross out the yellow animals if there are:	yellow	3 brown fish, 3 purple fish, 2 green fish, 2 blue fish
Cross out the green animals if there are:	green	3 brown fish, 2 purple fish, 3 green fish, 2 blue fish

KEEP THE FUN GOING!

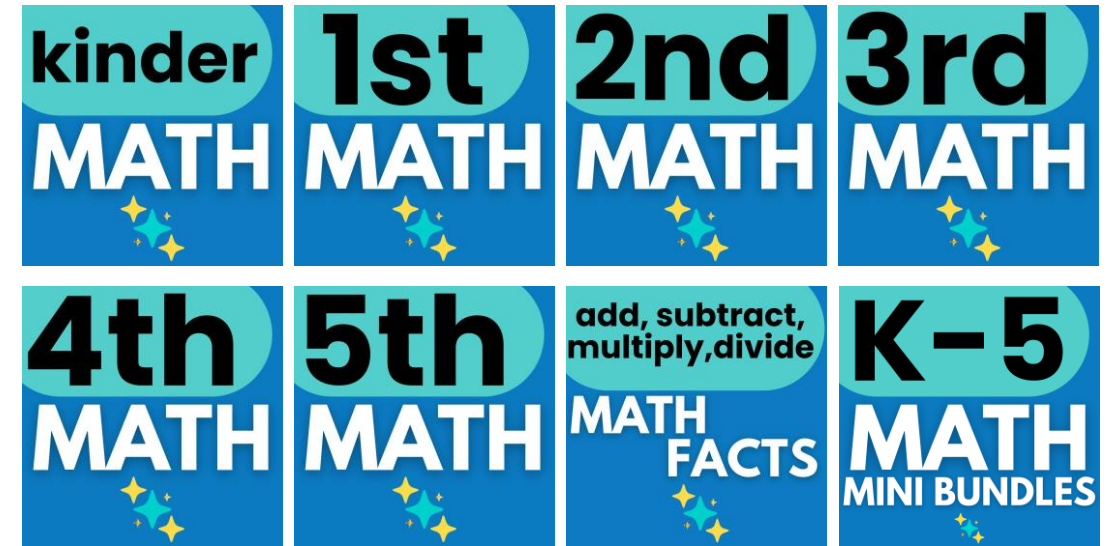
GRAB A READING MYSTERY:

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!

