

WHAT IS THIS?



Clue #1: Right or Wrong?
Color each thumb in to show if you agree with each answer.

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: Who Has More?
Circle each correct answer. Which creature solved more questions correctly? Cross that sea creature out.

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

$\frac{1}{3}$ sharp	$\frac{1}{2}$ the	$\frac{2}{6}$ claws	$\frac{2}{3}$ that	$\frac{6}{6}$ is	$\frac{0}{3}$ nose
$\frac{4}{4}$ creature	$\frac{3}{6}$ teeth	$\frac{5}{8}$ has	$\frac{4}{8}$ gray	$\frac{3}{4}$ sea	$\frac{3}{8}$ saw
$\frac{7}{8}$ fins	$\frac{1}{4}$ saw	$\frac{3}{3}$ no	$\frac{2}{2}$ you	$\frac{0}{2}$ gills	$\frac{2}{4}$ fish

Answers: Word: $\frac{1}{2}$ The, $\frac{2}{3}$ that, $\frac{3}{4}$ sea, $\frac{4}{4}$ creature

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.

solve the mystery

The Case of the Scuba Diver

THE LIFETIME LEARNER

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

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: Right or Wrong?

Color each thumb in to show if you agree with each answer.

0 1 2 3 4 5 6 7 8 What fraction does the fish represent? $\frac{2}{8}$	0 1 2 3 4 What fraction does the fish represent? $\frac{4}{5}$	0 1 2 3 4 5 6 What fraction does the fish represent? $\frac{4}{6}$
0 1 2 3 4 5 What fraction does the fish represent? $\frac{7}{7}$	0 1 2 What fraction does the fish represent? $\frac{1}{3}$	0 1 2 3 What fraction does the fish represent? $\frac{2}{3}$
0 1 2 What fraction does the fish represent? $\frac{2}{3}$	0 1 2 3 4 What fraction does the fish represent? $\frac{1}{4}$	0 1 2 3 4 5 6 7 8 What fraction does the fish represent? $\frac{5}{8}$

In each box, color a thumbs up or a thumbs down to show if the answer is correct.

How many answers were correct?

1 Correct = Cross out the red creatures.	5 Correct = Cross out the creatures with a shell.
2 Correct = Cross out the green creatures.	6 Correct = Cross out the creatures with tentacles.
3 Correct = Cross out blue creatures.	7 Correct = Cross out the creatures with tails.
4 Correct = Cross out the yellow creatures.	8 Correct = Cross out the creatures with fins.

THE LIFETIME LEARNER

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: Right or Wrong?
Color each thumb in to show if you agree with each answer.

What fraction does the fish represent? $\frac{2}{8}$

What fraction does the fish represent? $\frac{7}{7}$

What fraction does the fish represent? $\frac{2}{3}$

In each box, color a thumb

1 Correct = Cross out the red creature
2 Correct = Cross out the green creature
3 Correct = Cross out the blue creature
4 Correct = Cross out the yellow creature

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.

Where is Point A located?
A. $\frac{6}{6}$ - green stripes
B. $\frac{7}{8}$ - red stripes
C. $\frac{6}{8}$ - yellow stripes
D. $\frac{2}{6}$ - blue stripes

Where is Point B located?
A. $\frac{4}{4}$ - red nose
B. $\frac{2}{8}$ - blue nose
C. $\frac{3}{6}$ - green nose
D. $\frac{4}{8}$ - yellow nose

Where is Point C located?
A. $\frac{4}{8}$ - orange fins
B. $\frac{3}{6}$ - purple fins
C. $\frac{5}{6}$ - red fins
D. $\frac{6}{8}$ - green fins

Where is Point D located?
A. $\frac{1}{8}$ - pink bubbles
B. $\frac{6}{6}$ - blue bubbles
C. $\frac{4}{8}$ - gray bubbles
D. $\frac{8}{8}$ - orange bubbles

Where is Point E located?
A. $\frac{1}{8}$ - orange seaweed
B. $\frac{2}{6}$ - yellow seaweed
C. $\frac{5}{8}$ - blue seaweed
D. $\frac{1}{6}$ - green seaweed

Where is Point F located?
A. $\frac{4}{6}$ - purple eyes
B. $\frac{5}{8}$ - red eyes
C. $\frac{6}{6}$ - blue eyes
D. $\frac{2}{8}$ - 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 stripes Yellow nose Orange fins Blue bubbles Blue seaweed Purple eyes 	<ul style="list-style-type: none"> Yellow stripes Blue nose Green fins Pink bubbles Green seaweed Blue eyes 	<ul style="list-style-type: none"> Yellow stripes Blue nose Orange fins Blue bubbles Yellow seaweed White eyes 	<ul style="list-style-type: none"> Yellow stripes Blue nose Orange fins Blue bubbles Green seaweed Purple eyes

Clue #3: Who Has More?
Solve each question. Which creature solved more questions correctly? Cross that sea creature out.

How far is it from $\frac{3}{6}$ to $\frac{5}{6}$? $\frac{4}{6}$

How far is it from $\frac{1}{3}$ to 1 ? $\frac{2}{3}$

How far is it from 0 to $\frac{1}{4}$? $\frac{1}{4}$

How far is it from $\frac{3}{8}$ to $\frac{7}{8}$? $\frac{5}{8}$

- Fractions on Number Lines
- Distance Between Fractions on Number Lines
- Real-Life Mathematics
- Ocean-Themed
- Error Analysis Practice

All clues focus on reviewing 3rd grade skills!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Right or Wrong?
Color each thumb in to show if you agree with each answer.

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

Clue 3: Who Has More?
Circle each correct answer. Which creature solved more questions correctly? Cross that sea creature out.

3 Clue Version

Clue #1: Right or Wrong?
Color each thumb in to show if you agree with each answer.

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

Clue 3: Who Has More?
Circle each correct answer. Which creature solved more questions correctly? Cross that sea creature out.

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

$1/3$ sharp	$1/2$ the	$2/6$ claws	$2/3$ that	$6/6$ is	$0/3$ nose
$4/4$ creature	$3/6$ teeth	$5/8$ has	$4/8$ gray	$3/4$ sea	$3/8$ saw
$7/8$ fins					fish

Answers: $1/2$, $3/4$, $5/8$, $2/3$, $6/6$, $0/3$

Word: sharp, has, saw, claws

5 Clue Version

Clue #1: Right or Wrong?
Color each thumb in to show if you agree with each answer.

What fraction does the fish represent?

1 Correct = Cross out the red creatures.
2 Correct = Cross out the green creatures.
3 Correct = Cross out blue creatures.
4 Correct = Cross out the yellow creatures.

5 Correct = Cross out the cr
6 Correct = Cross out the cr
7 Correct = Cross out the cr
8 Correct = Cross out the cr

Clue #1: Right or Wrong?
Color each thumb in to show if you agree with each answer.

What fraction does the fish represent?

1 Correct = Cross out the red creatures.
2 Correct = Cross out the green creatures.
3 Correct = Cross out blue creatures.
4 Correct = Cross out the yellow creatures.

5 Correct = Cross out the creatures with a shell.
6 Correct = Cross out the creatures with tentacles.
7 Correct = Cross out the creatures with tails.
8 Correct = Cross out the creatures with fins.

Short & Long Options

2 MATH FACT OPTIONS!

What Did I See in the Ocean?

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

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

Name: _____

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

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.

18-8 9-4 15-7

A. 12 - green stripes A. 8 - red nose A. 8 - orange fins
 B. 11 - red stripes B. 5 - blue nose B. 9 - purple fins
 C. 10 - yellow stripes C. 11 - green nose C. 10 - red fins
 D. 9 - blue stripes D. 13 - yellow nose D. 11 - green fins

12-6 17-10 6-2

A. 4 - pink bubbles A. 4 - orange seaweed A. 4 - purple eyes
 B. 6 - blue bubbles B. 5 - yellow seaweed B. 5 - red eyes
 C. 8 - gray bubbles C. 6 - blue seaweed C. 7 - blue eyes
 D. 10 - orange bubbles D. 7 - gray seaweed D. 8 - white eyes

Clue #3: Detective Report

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. At sea, I saw $10+6$ sharks and $1+7$ dolphins! $11+4$ seagulls were flying and above them. I also saw $5+10$ crabs crawling along the sand. On my way back to shore, I saw a giant blue whale eating $13+6$ fish. I swam away and got to the shore. I picked up $4+2$ seashells.

The creature does not have:

C=10	N=16
T=8	E=5
E=19	S=15
T=6	

Clue #4: The Scuba Diver

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

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

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.

6×7	35 the	21 slow	9 that	25 is	60 nose
12×7	72 teeth	54 has	14 gray	8 sea	7 saw
22×2	2 saw	32 no	64 you	40 girls	5 fish
Answer: Word	Answer: Word	Answer: Word	Answer: Word	Answer: Word	Answer: Word
5×7	35 The	$72 \div 8$	9 that	6×9	54 has
$32 \div 4$	8 sea	8×8	64 you	$24 \div 4$	6 sharp
4×3	12 creature	$63 \div 9$	7 saw	7×3	21 claws

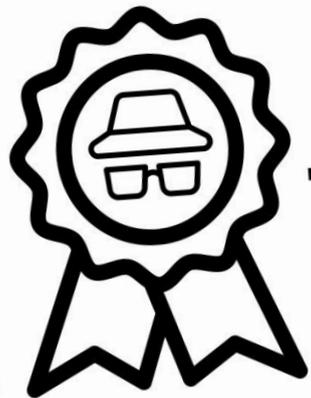
Same clues. Same mystery. Different math!

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

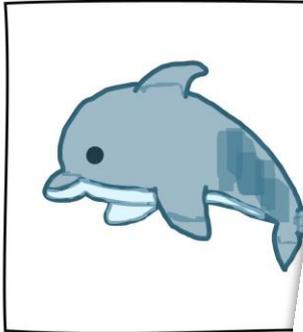
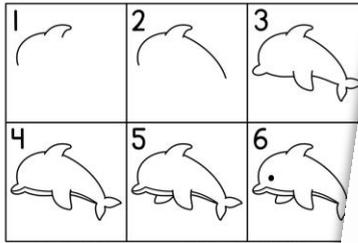
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

a dolphin



THE LIFETIME LEARNER

LET'S DRAW...

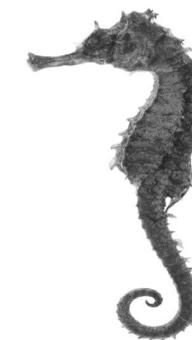
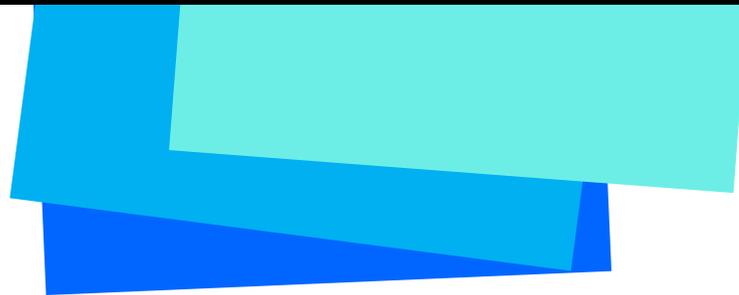
a fish



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
- Extra Math Facts Mystery
- 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.

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!

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

$1/3$ sharp	$1/2$ the	$2/6$ claws	$2/3$ that	$6/6$ is	$0/3$ nose
$4/4$ creature	$3/6$ teeth	$5/8$ has	$4/8$ gray	$3/4$ sea	$3/8$ saw
$7/8$ fins	$1/4$ saw	$3/3$ no	$2/2$ you	$0/2$ gills	$2/4$ fish

Answer: Word

$1/2$ The	$2/3$ that	$3/4$ has
$3/4$ sea	$2/2$ you	$1/3$ sharp
$4/4$ creature	$3/3$ saw	$2/6$ 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:



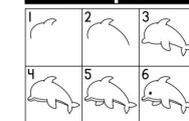
Lindsay

You solved the mystery!

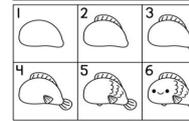
11/2 SW

Date Presented by:

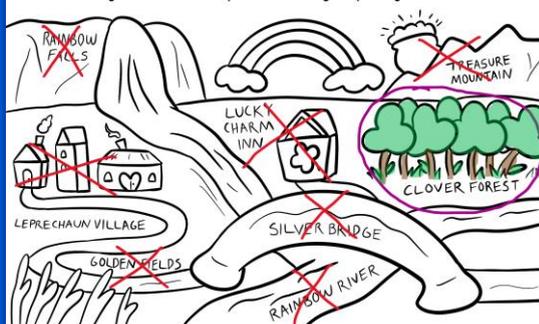
LET'S DRAW...
a dolphin



LET'S DRAW...
a fish



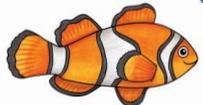
Where is the Gold?
Figure out where the leprechaun hid the gold by solving the clues.



Locations: RAINBOW FALLS, LUCKY CHARM INN, TREASURE MOUNTAIN, 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.

Crab	Shark	Sea Turtle
<p>I have sharp claws. You did not see any sharp teeth!</p>	<p>I have sharp teeth. You did not see any sharp teeth!</p>	<p>I have a green shell. You did not see a green shell.</p>
<input checked="" type="checkbox"/> The crab loves to jump in the <u>see</u> / <u>sea</u> .	<input checked="" type="checkbox"/> The shark will <u>meet</u> / <u>meat</u> other fish.	<input checked="" type="checkbox"/> Its shell is <u>blue</u> / <u>blew</u> and green.
<input checked="" type="checkbox"/> The crab hid under a big <u>bored</u> / <u>board</u> .	<input checked="" type="checkbox"/> The shark has a strong <u>tail</u> / <u>tale</u> .	<input checked="" type="checkbox"/> The shell is so <u>plane</u> / <u>plain</u> and smooth.
<input checked="" type="checkbox"/> The crab goes on the boat to <u>sale</u> / <u>sail</u> .	<input checked="" type="checkbox"/> The shark swims near the <u>whole</u> / <u>hole</u> in the rock.	<input checked="" type="checkbox"/> It will <u>peek</u> / <u>peak</u> out of its shell.

Example of Clue 1

Math

Clue #1: Right or Wrong?

Color each thumb in to show if you agree with each answer.

0 1 2 3 4 5 6 7 8 What fraction does the fish represent? $\frac{2}{8}$	0 1 2 3 4 What fraction does the fish represent? $\frac{4}{5}$ $\frac{3}{4}$	0 1 2 3 4 5 6 What fraction does the fish represent? $\frac{4}{6}$
0 1 2 3 4 5 What fraction does the fish represent? $\frac{7}{7}$ $\frac{5}{6}$	0 1 2 3 4 What fraction does the fish represent? $\frac{1}{3}$ $\frac{0}{2}$	0 1 2 3 4 5 6 What fraction does the fish represent? $\frac{2}{3}$
0 1 2 What fraction does the fish represent? $\frac{2}{3}$ $\frac{1}{2}$	0 1 2 3 4 What fraction does the fish represent? $\frac{1}{4}$	0 1 2 3 4 5 6 7 8 What fraction does the fish represent? $\frac{5}{8}$ $\frac{4}{8}$

In each box, color a thumbs up or a thumbs down to show if the answer is correct.

How many answers were correct?

1 Correct = Cross out the red creatures.	5 Correct = Cross out the creatures with a shell.
2 Correct = Cross out the green creatures.	6 Correct = Cross out the creatures with tentacles.
3 Correct = Cross out blue creatures.	7 Correct = Cross out the creatures with tails.
4 Correct = Cross out the yellow creatures.	8 Correct = Cross out the creatures with fins.

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!**

