


A horizontal collage of ocean-themed images. From left to right: a close-up of golden sand meeting white sand; two overlapping geometric shapes, one teal and one blue; a five-armed orange starfish with dark spots; two seashells, one small and one larger; and a dark grey seahorse.



solve the mystery

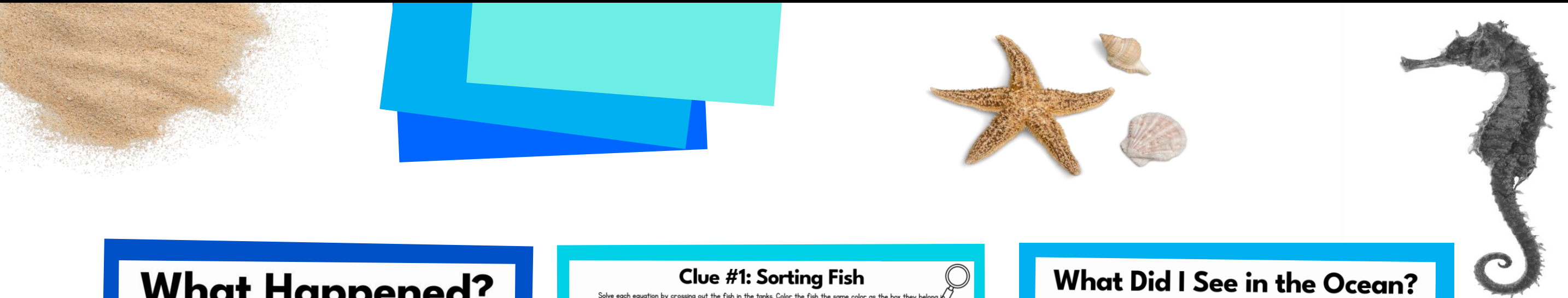


THE LIFETIME LEARNER

The Case of the Scuba Diver

Students complete a series of clues to figure out what sear 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.





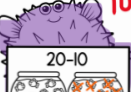








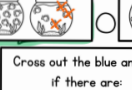
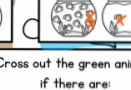
1. Take a list of sea animals and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which animal you saw.
3. Cross out the wrong animals each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: Sorting Fish

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!

 5 brown	 10 purple	 12 green	 3 blue
 20-10	 5-2	 9-4	 18-6
 10-5	 15-3	 16-6	 14-9
 11-8	 13-3	 18-6	 13-3

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

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

- Subtract with Pictures
- Subtraction Equations
- Subtracting within 20
- Ocean-Themed
- Error Analysis Practice

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 in. Then, find the correct key at the bottom to solve the clue!

5 brown
10
12
3 blue

20-10
5-2
10-5
15-3

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.

17 - 6 = 11
15 - 5 = 10
20 - 3 = 17
11 - 7 = 4
18 - 4 = 14
12 - 7 = 5

A. 9 - green stripes
B. 10 - red stripes
C. 11 - yellow stripes
D. 12 - blue stripes

A. 11 - red nose
B. 10 - blue nose
C. 9 - green nose
D. 8 - yellow nose

A. 17 - orange fins
B. 16 - purple fins
C. 15 - red fins
D. 14 - green fins

A. 3 - pink bubbles
B. 4 - blue bubbles
C. 5 - gray bubbles
D. 6 - orange bubbles

A. 17 - orange seaweed
B. 16 - yellow seaweed
C. 15 - blue seaweed
D. 14 - green seaweed

A. 5 - purple eyes
B. 6 - red eyes
C. 7 - blue eyes
D. 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: Detective Report

diving in the ocean and saw more than $17-9$ sea creatures. First, I saw $20-8$ spots. Then, I saw a turtle with $9-5$ babies. Finally, I saw $6-3$ seagulls were flying on the sand. On my way back to the shore, I saw $C=11$, $T=13$, $E=4$, $L=12$, $A=8$, $N=9$, $E=5$, $S=3$, $T=7$.

All clues focus on reviewing subtracting with pictures!

MULTIPLE VERSIONS



Print & Digital Forms

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.

Clue #3: Detective Report

Once, I went scuba-diving in the ocean and saw more than 17-9 sea creatures. First, I saw an orange fish with 20-8 spots. Then, I saw a sea turtle with 9-5 babies.

Out at sea, I saw 12 fish were flying around above the shore. I saw a 4 back to where I picked up the shell. I saw a 9 shore, where I picked up the shell.

3 Clue Version

The creature does not have:

13 5 9 7 8 11 12 4 3
T E N T A C L E S

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

T=13 E=5
L=12 S=3
A=8 T=7

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.

Clue #3: Detective Report

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

8	sharp	6	the	12	claws	11	that	10	is	3	nose
7	creature	4	teeth	5	has	18	gray	13	sea	9	saw
15	fins										fish

5 Clue Version

Answer and Word: 5 has 8 sharp 12 claws 9 saw 7 creature 15-2 you 16-9 12-3 9 19-7 12 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

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!

5 brown	10 purple	12 green	3 blue
20-10	5-2	9-4	18-6
10-5	15-3	16-6	14-9
13-3	11-8		

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

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!

5 brown	10 purple	12 green	3 blue
20-10	5-2	9-4	18-6
10-5	15-3	16-6	14-9
13-3	11-8		

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:





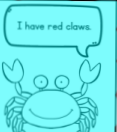



- 3 brown fish
- 2 purple fish
- 3 green fish
- 2 blue fish

Short & Long Options

MATH FACT VERSION!



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: _____

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 $8+6$ 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 $5+5$ 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
F=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.

11-4 R 7 X S 11 H 4 A 1 X	17-6 S 11 H 4 A 1 X	12-8 H 4 A 1 X	3-2 A 1 X
20-5 E 15 D 9 X L 3 L 6	14-5 D 9 X L 3 L 6	8-5 L 3 L 6	10-4 L 6

Cross out the boxes with the following answers:
9, 1, 7
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.

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

Answer: Word
5+7 12 The
8-6 2 sea
4+2 6 creature

Answer: Word
14-9 5 that
13+7 20 you
6-5 1 saw

Answer: Word
8+9 17 has
11-7 4 sharp
6+3 9 claws

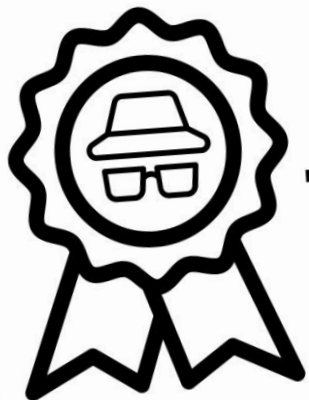
Same clues. Same mystery. Different math!

There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

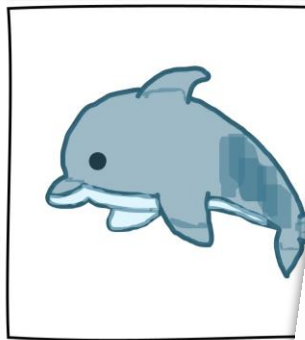
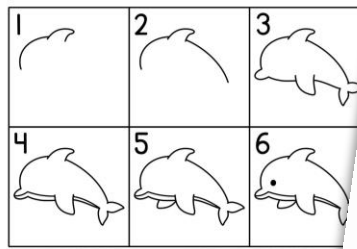
You solved the mystery!

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 Sharks

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



 R 5 sharks swim away. How many are left? 10	 S 7 sharks swim away. How many are left? 11	 H 4 sharks swim away. How many are left? 8	 A 10 sharks swim away. How many are left? 7
 E 2 sharks swim away. How many are left? 9	 D 6 sharks swim away. How many are left? 13	 L 2 sharks swim away. How many are left? 14	 L 9 sharks swim away. How many are left? 4

Cross out the boxes with the following answers:
10, 7, 13

The letters that are left will reveal a message.

The creature does not have a:
Shell

THE LIFETIME LEARNER

In 1st grade, this works well as a whole group lesson or in small groups at the teacher table.

First graders will need teacher support to read & understand the clues/directions



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: Color the Fish
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Clue #3: Detective Report
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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
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**

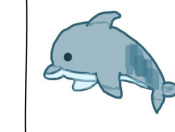
You solved the mystery!

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

Example of Clue 1

Math

Clue #1: Error Analysis

Does the picture match the word? Put a check or an X next to each answer.
Read the hint from the animal with the most correct answers.

Hint	Shark	Sea Turtle
I have sharp claws. You did not see any sharp teeth!	<input checked="" type="checkbox"/> thud	<input checked="" type="checkbox"/> flash
I have sharp teeth. You did not see any sharp teeth!	<input checked="" type="checkbox"/> flash	<input checked="" type="checkbox"/> stick
I have a green shell. You did not see a green shell.	<input checked="" type="checkbox"/> chin	<input checked="" type="checkbox"/> wash
	<input checked="" type="checkbox"/> chest	<input checked="" type="checkbox"/> luck

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!

Equation	Color
5 brown	5
10 purple	10
12 green	12
3 blue	3

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:

- 3 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
- 3 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

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!

