

# WHAT IS THIS?

The central title card reads "solve the mystery" in large black letters, with "The Case of the Scuba Diver" below it. To the left are five clue cards:

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

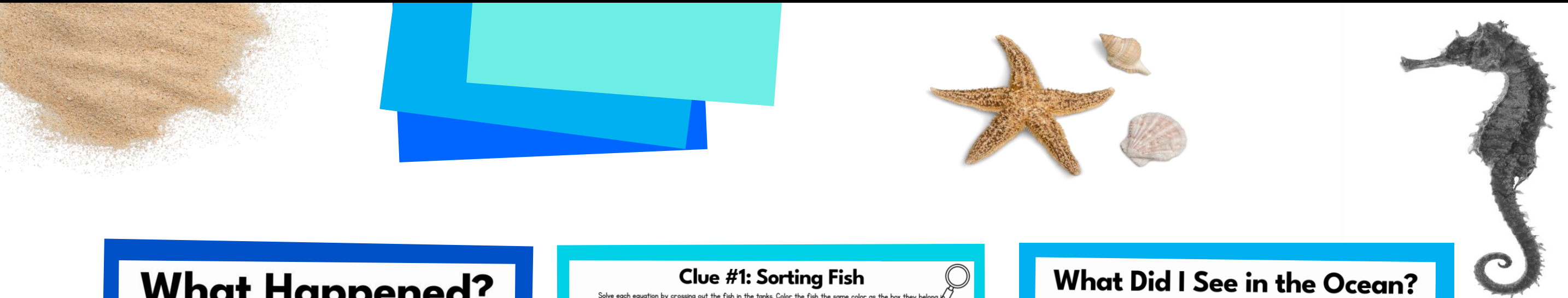
To the right is a card titled "What Did I See in the Ocean?" with a grid of clues and illustrations of sea creatures. The clues are:

Clue	Animal
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

The illustrations for Pufferfish, Octopus, Dolphin, Jellyfish, Crab, Shark, Sea Turtle, and Seahorse are all crossed out with a red X. The illustration for the Crab is highlighted in blue.

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

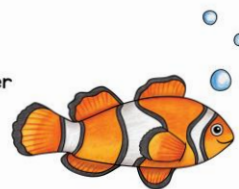
# HOW TO PLAY



## 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

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!

	2		3		4		5
	9-6		6-1		10-8		8-4
	5-3		7-3		6-3		9-7
	8-3		5-3		9-7		8-3

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:



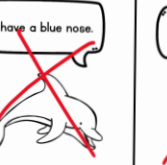



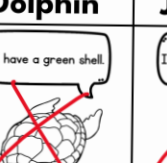

- 3 brown fish
- 3 purple fish
- 2 green fish
- 2 blue fish

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

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**

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!

2 brown  
3  
4  
5 blue

9-6 3  
6-1  
5-3 2  
7-3

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

Cross out the sea turtle if the fish has:  
• 2 brown  
• 2 purple  
• 3 green  
• 3 blue

**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.

A. 6 - green stripes  
B. 7 - red stripes  
C. 8 - yellow stripes  
D. 9 - blue stripes

A. 6 - red nose  
B. 5 - blue nose  
C. 4 - green nose  
D. 3 - yellow nose

A. 0 - orange fins  
B. 1 - purple fins  
C. 2 - red fins  
D. 3 - green fins

A. 4 - pink bubbles  
B. 5 - blue bubbles  
C. 6 - gray bubbles  
D. 7 - orange bubbles

A. 4 - orange seaweed  
B. 3 - yellow seaweed  
C. 2 - blue seaweed  
D. 1 - green seaweed

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: • Blue stripes • Yellow nose • Orange fins • Blue bubbles • Blue seaweed • Purple eyes	Cross out the crab if the fish has: • Yellow stripes • Blue nose • Green fins • Pink bubbles • Green seaweed • Blue eyes	Cross out the sea turtle if the fish has: • Yellow stripes • Blue nose • Orange fins • Blue bubbles • Yellow seaweed • White eyes	Cross out the shark if the fish has: • Yellow stripes • Blue nose • Orange fins • Blue bubbles • Green seaweed • Purple eyes
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**Clue 3: Who Has More?**

Answer: Which creature solved more questions correctly? Cross that sea creature out.

10-8  
3-2  
8-5  
10-4  
5-3

1  
2  
5  
2

- Subtract to 10
- Subtract with Pictures
- Real-Life Mathematics
- Ocean-Themed
- Error Analysis Practice

**All clues focus on reviewing Kindergarten skills!**



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

10-8      3-2  
2      1

3 Clue Version

9-3      5-3  
6      2

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

**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.

5 sharp      0 the      6 claws      7 that      11 is      15 nose  
4 creature      13 teeth      3 has      12 gray      2 saw      1 saw  
10 fine      1-I      5-3      6-2      2-1      4-3

5 Clue Version

**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!

2 brown      3 purple      4 green      5 blue

9-6      6-1      10-8      8-4      7-4  
3      5      2      4      2

5-3      7-3      6-3      9-7  
2      4      3      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  
• 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!

2 brown      3 purple      4 green      5 blue

9-6      6-1      10-8      8-4      7-4  
3      5      2      4      2

5-3      7-3      6-3      9-7      8-3  
2      4      3      2      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

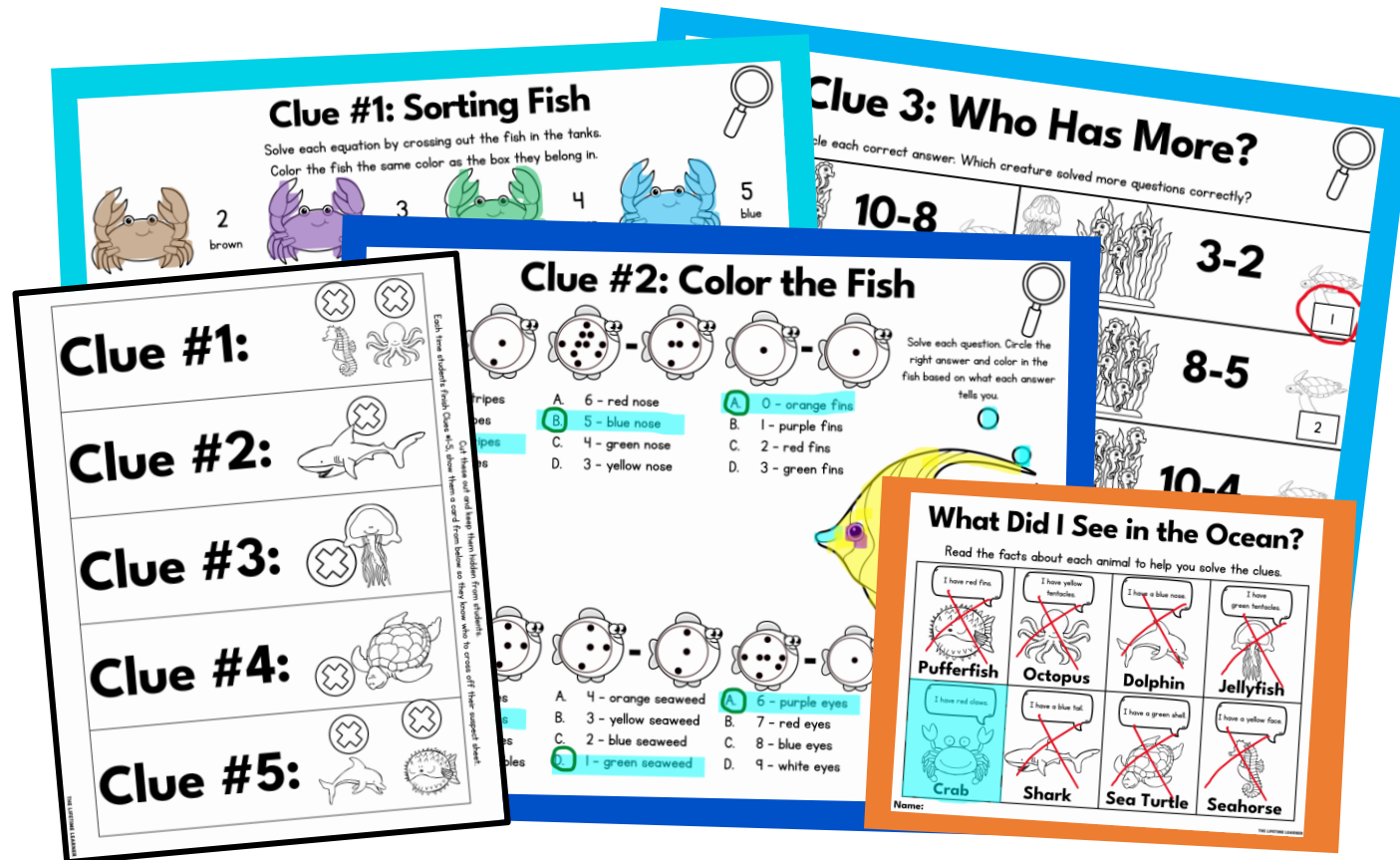
Cross out the yellow animals if there are:  
• 3 brown fish  
• 3 purple fish  
• 2 green fish  
• 2 blue fish

Cross out the green animals if there are:  
• 3 brown fish  
• 2 purple fish  
• 3 green fish  
• 2 blue fish

Short & Long Options

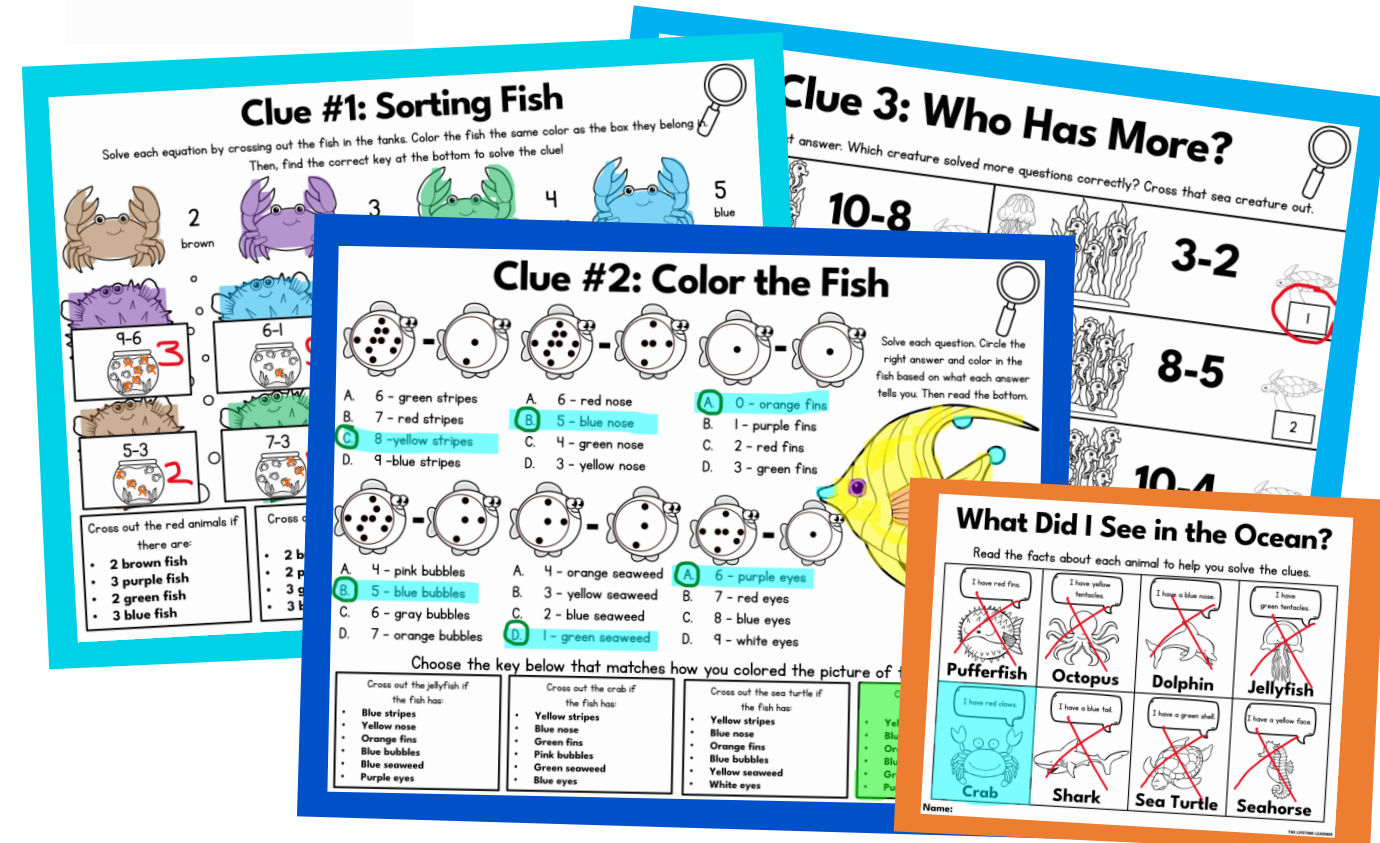
# EASY & HARD OPTIONS

1. Students do the math on each clue page.
2. There is minimal reading on every page.
3. Students are handed a card showing what to cross out after completing each page.



Easy Version

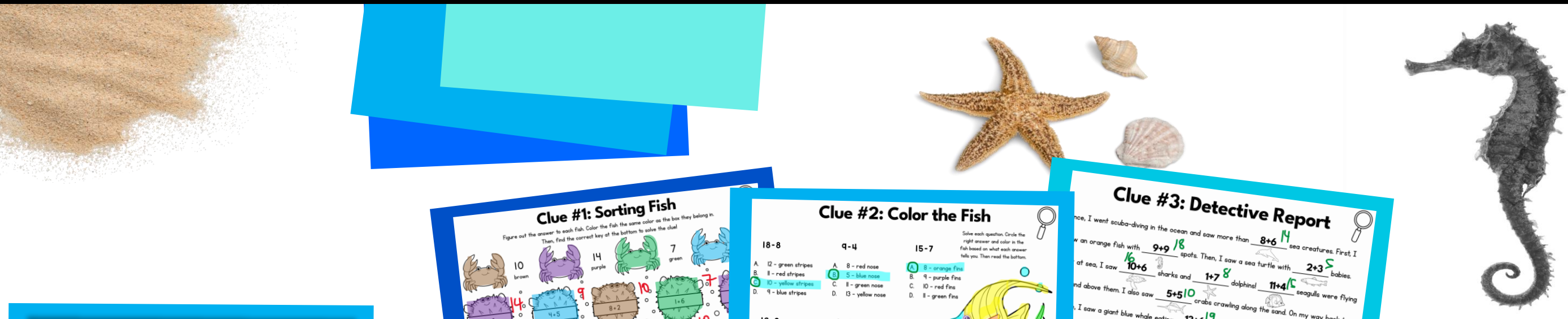
1. Students do the math on each clue page.
2. Teachers help students read the words on each clue page to figure out the mystery "hints".
3. Students use "hints" to cross out wrong answers.











Hard Version



# 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. <b>Pufferfish</b>	 I have yellow tentacles. <b>Octopus</b>	 I have a blue nose. <b>Dolphin</b>	 I have green tentacles. <b>Jellyfish</b>
 I have red claws. <b>Crab</b>	 I have a blue tail. <b>Shark</b>	 I have a green shell. <b>Sea Turtle</b>	 I have a yellow face. <b>Seahorse</b>

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  
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.

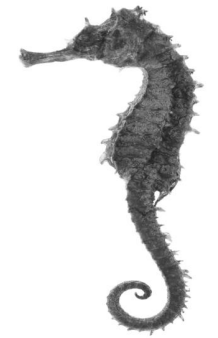
4 sharp	12 the	9 claws	5 that	11 is	8 nose
6 creature	15 teeth	17 has	18 gray	2 sea	1 saw
3 fins	10 saw	13 no	20 you	7 gills	14 fish

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

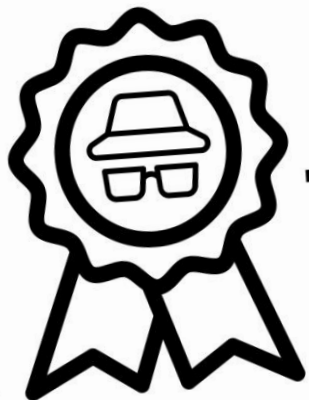
Same clues. Same mystery. Different math!

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

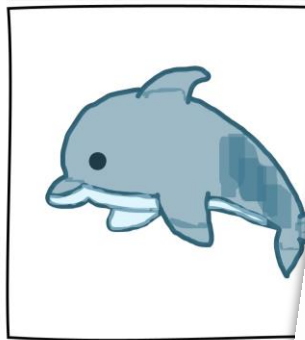
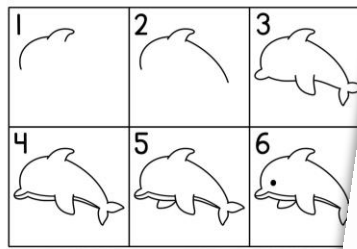
You solved the mystery!

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.

 <del>5</del> <b>tail</b> 5 sharks swim away. How many are left?	 <del>3</del> <b>fin</b> 7 sharks swim away. How many are left?	 <del>6</del> <b>nose</b> 4 sharks swim away. How many are left?	 <del>0</del> <b>fish</b> 10 sharks swim away. How many are left?
 <del>7</del> <b>shell</b> 3 sharks swim away. How many are left?	 <del>4</del> <b>crab</b> 6 sharks swim away. How many are left?	 <del>8</del> <b>claw</b> 2 sharks swim away. How many are left?	 <del>1</del> <b>eye</b> 9 sharks swim away. How many are left?

Cross out the boxes with the following answers:  
**8, 6, 5, 0, 1, 3, 4**  
The letters that are left will reveal a message.

The creature does not have a:  
**Shell**

THE LIFETIME LEARNER

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

Kindergarteners 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!**

**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.

A. 6 - green stripes    A. 6 - red nose    A. 0 - orange fins

**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**  
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**

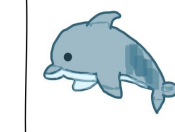
**You solved the mystery!**

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

Clue	Shark	Sea Turtle
I have sharp claws. You did not see any sharp teeth!	<input checked="" type="checkbox"/> t  p	<input checked="" type="checkbox"/> b  n
I have sharp teeth. You did not see any sharp teeth!	<input checked="" type="checkbox"/> w  b	<input checked="" type="checkbox"/> l  g
I have a green shell. You did not see a green shell.	<input checked="" type="checkbox"/> n  t	<input checked="" type="checkbox"/> f  n
	<input checked="" type="checkbox"/> h  n	<input checked="" type="checkbox"/> f  n

**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	Result
2 brown	3
3 purple	5
4 green	2
5 blue	4
6-1	3
10-8	2
8-4	4
7-4	3
5-3	2
7-3	4
6-3	3
9-7	2
8-3	5

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



# KEEP THE FUN GOING!

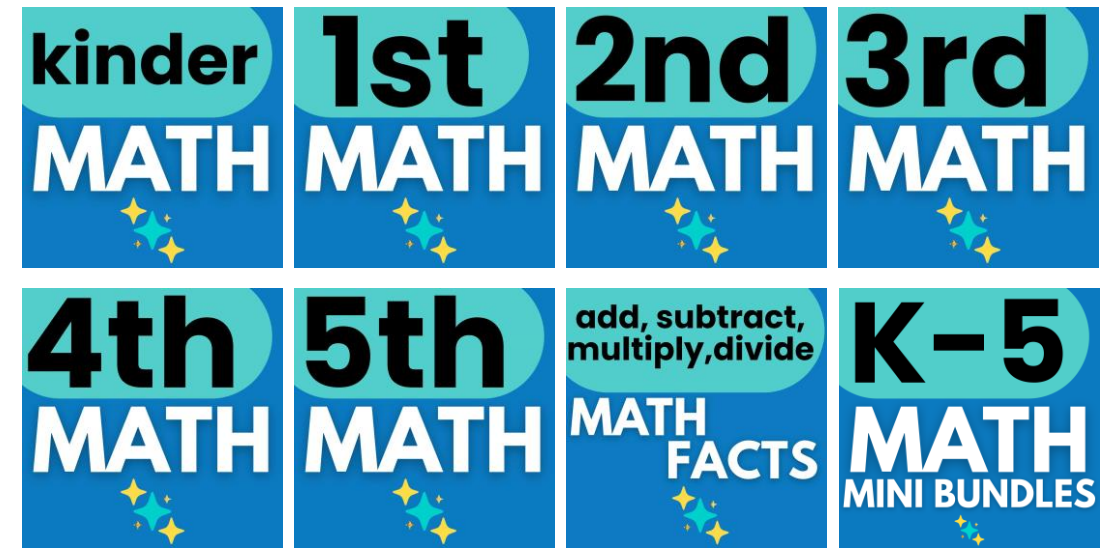
## GRAB A **READING MYSTERY**:

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!**

