

WHAT IS THIS?



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 112×648 sea creatures. First I saw an 948×96.7 96.6 creature.

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

510,649	412,368	389,760	89,526	390,572	250,838
36,108	222,084	221,712	511,388	249,895	45,756
606,636	413,678	36,414	605,814	45,387	89,397

Answers: Word: 781×528 $412,368$ **The** 694×129 $89,526$ **that** 596×372 $221,712$ **has**

Answers: Word: 265×943 $412,368$ **sea** 737×822 $605,814$ **you** 691×739 $40,649$ **sharp**

Answers: Word: 118×306 $2,108$ **creature** 369×124 $45,756$ **saw** 812×480 $389,760$ **claws**

solve the mystery

The Case of the Scuba Diver

What Did I See in the Ocean?

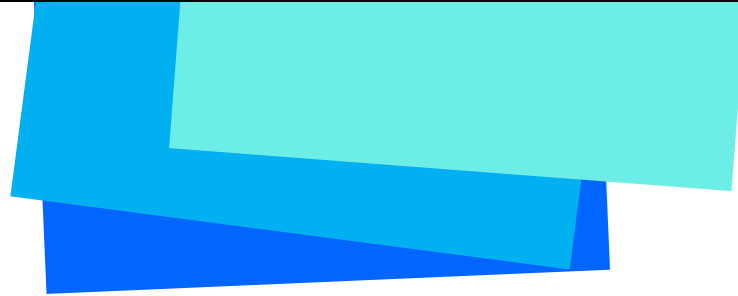
Read the facts about each animal to help you solve the clues.

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: _____

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.










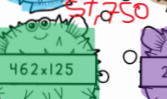


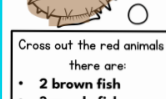
1. Take a list of sea animals and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering which animal you saw.
3. Cross out the wrong animals each time you find out new information. Good luck!



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!

 226,432 brown	 79,152 purple	 57,750 green	 173,808 blue
 582x136	 612x284	 488x464	 375x154
 928x244	 462x125	 272x291	 976x232
 568x306			

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

THE LIFETIME LEARNER

What Did I See in the Ocean?

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

<input checked="" type="checkbox"/> I have red fins.  Pufferfish	<input checked="" type="checkbox"/> I have yellow tentacles.  Octopus	<input checked="" type="checkbox"/> I have a blue nose.  Dolphin	<input checked="" type="checkbox"/> I have green tentacles.  Jellyfish
<input checked="" type="checkbox"/> I have red claws.  Crab	<input checked="" type="checkbox"/> I have a blue tail.  Shark	<input checked="" type="checkbox"/> I have a green shell.  Sea Turtle	<input checked="" type="checkbox"/> 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!

226,432 brown
79,152
57,750
173,808 blue

582x136
612x284
928x244
462x125

71,152
226,432

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

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.

153×872 432×195 771×630

A. 134,134 - green stripes A. 84,672 - red nose A. 485,730 - orange fins
B. 133,569 - red stripes B. 84,240 - blue nose B. 486,360 - purple fins
C. 133,416 - yellow stripes C. 84,868 - green nose C. 486,501 - red fins
D. 134,442 - blue stripes D. 84,002 - yellow nose D. 484,959 - green fins

948×102 527×309 659×233

A. 96,798 - pink bubbles A. 163,152 - orange seaweed A. 153,547 - purple eyes
B. 96,696 - blue bubbles B. 162,008 - yellow seaweed B. 154,206 - red eyes
C. 97,644 - gray bubbles C. 163,370 - blue seaweed C. 153,314 - blue eyes
D. 95,647 - orange bubbles D. 162,843 - green seaweed D. 152,656 - white eyes

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

Clue #3: Detective Report
Diving in the ocean and saw more than 112×648 sea creatures. First, I saw a turtle with 397×525 babies. Then I saw 556×989 seagulls were flying on the sand. On my way back to the shore,

72579
 208425
 $549,884$
 556×989

C=59,422 N=428,464
T=154,100 E=208,425
E=91,553 S=549,884
L=609,336 T=38,394
A=72,576

- 3 by 3 Digit Multiplication
- Real-Life Mathematics
- Ocean-Themed
- Error Analysis Practice

All clues focus on reviewing 5th grade skills!

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 **112x648** sea creatures. First, I saw an orange fish with **868x702** spots. Then, I saw a sea turtle with **397x525** babies.

3 Clue Version

The creature does not have:
T E X T A C L E S

E=91,553 S=549,884
L=609,336 T=38,394
A=72,576

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

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

sharp	the	claws	that	is	nose
510,649	412,368	389,760	89,526	390,572	250,838
creature	teeth	has	gray	sea	saw
36,108	222,084	221,712	511,388	249,895	45,756
fins					fish
606,636					89,397

Answer:
781x528 **412,368**
265x943 **49,895**
118x306 **112,648** creature 369x124 **15,756** saw 812x480 **389,760** 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.

5 Clue Version

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!

Crab: 226,432 (brown), 79,152 (purple), 57,750 (green), 173,808 (blue)

Starfish: 582x136 (purple), 612x284 (blue), 488x464 (brown), 375x154 (green), 408x194 (purple)

Sea Anemone: 928x244 (brown), 462x125 (green), 272x291 (purple), 976x232 (brown)

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!

Crab: 226,432 (brown), 79,152 (purple), 57,750 (green), 173,808 (blue)

Starfish: 582x136 (purple), 612x284 (blue), 488x464 (brown), 375x154 (green), 408x194 (purple)

Sea Anemone: 928x244 (brown), 462x125 (green), 272x291 (purple), 976x232 (brown), 568x306 (purple)

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

2 MATH FACT OPTIONS!

What Did I See in the Ocean?


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

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

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 #4: The Scuba Diver

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

18 ÷ 6	81 ÷ 9	48 ÷ 8	20 ÷ 5
R 3 X	S 9	H 6	A 4 X
35 ÷ 7	72 ÷ 9	14 ÷ 7	63 ÷ 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 #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	T=6

Clue #5: Fill in the Blank

6 sharp	35 the	21 slow	9 that	25 is	60 nose
12 creature	72 teeth	54 has	14 gray	8 sea	7 saw
22 fins	2 saw	32 no	64 you	40 gills	5 fish

Answer: Word Answer: Word Answer: Word

5x7 **35** **The** 72 ÷ 8 **9** **that** 6x9 **54** **has**

32 ÷ 4 **8** **sea** 8x8 **64** **you** 24 ÷ 4 **6** **sharp**

4x3 **12** **creature** 63 ÷ 9 **7** **saw** 7x3 **21** **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.

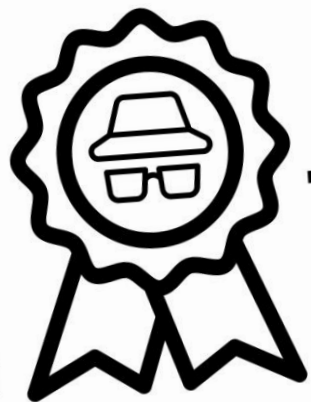
Same clues. Same mystery. Different math!

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

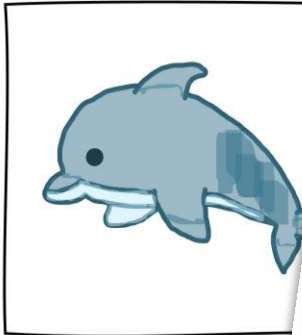
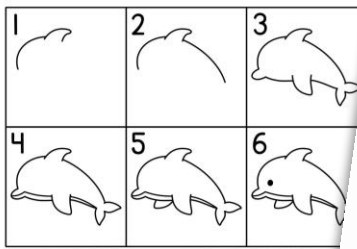
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

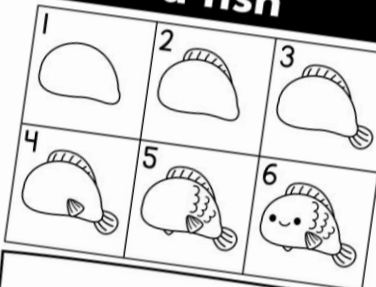
a dolphin



THE LIFETIME LEARNER

LET'S DRAW...

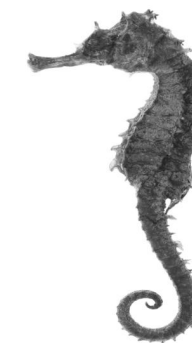
a fish




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.



248×602 R 149,296	928×581 S 539,168	139×328 H 45,592	446×492 A 219,432
602×544 E 327,488	964×813 D 783,732	721×647 L 466,487	833×708 L 589,764

Cross out the boxes with the following answers:
783732, 149296, 219432

The letters that are left will reveal a message.

The creature does not have a:
Shell

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: 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

510,649	412,368	389,760	89,526	390,572	250,838
36,108	222,084	221,712	511,388	249,895	45,756
606,636	413,678	36,414	605,814	45,387	89,397

Answer: Word Answer: Word Answer: Word

781x528 412,368 **The** 694x129 89,526 **that** 596x372 24,712 **has**

265x943 49,815 **sea** 737x822 65,814 **you** 694x739 40,649 **sharp**

18x306 2,108 **creature** 369x124 45,756 **saw** 812x480 389,760 **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:



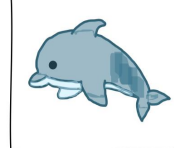
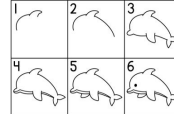
Lindsay

You solved the mystery!

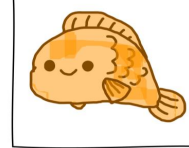
11/2 SW

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.



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 sharp claws!	verb	✓
	The crab hid under a big board.	noun	✗
	The crab goes on the boat to sail.	adjective	✗
Sea Turtle	I have sharp teeth. You did not see any sharp teeth!	adverb	✓
	The friendly shark will meet other fish.	adjective	✓
	The shark has a strong tail.	noun	✓
Sea Turtle	I have a green shell. You did not see a green shell.	noun	✓
	Its shell is blue and green.	adverb	✗
	The shell is very plain and smooth.	pronoun	✓

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!

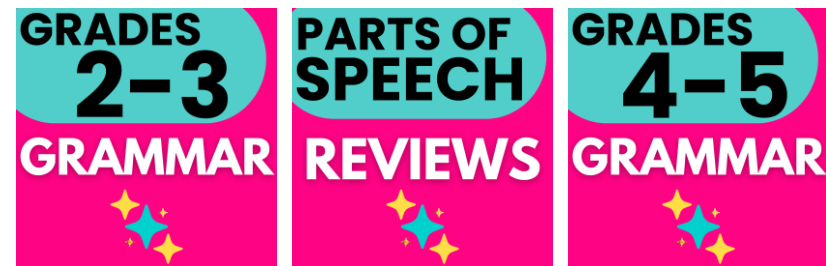
Fish	Equation	Color
Crab	226,432	brown
Crab	79,152	purple
Crab	57,750	green
Crab	173,808	blue
Fish	582x136	purple
Fish	612x284	blue
Fish	488x464	brown
Fish	375x154	green
Fish	408x194	purple
Fish	928x244	brown
Fish	462x125	green
Fish	272x291	purple
Fish	976x232	brown
Fish	568x306	blue

Key	Animals
2 brown fish	if there are:
3 purple fish	if there are:
2 green fish	if there are:
3 blue fish	if there are:

KEEP THE FUN GOING!

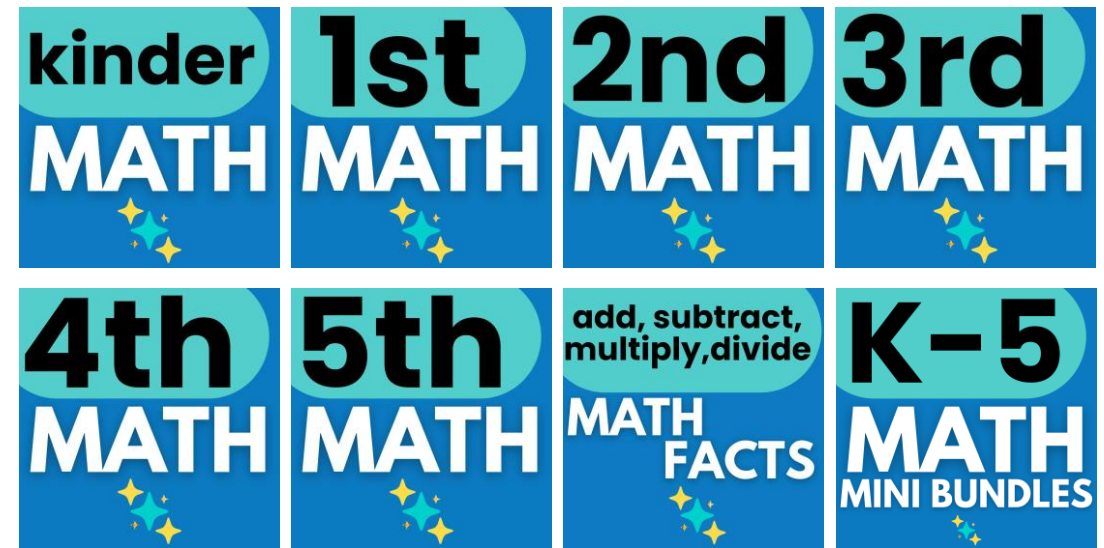
GRAB A **READING MYSTERY**:

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!**

