

# WHAT IS THIS?



**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!

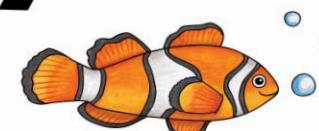
**Clue #2: Color the Fish**  
Solve each question. Circle the right answer and color in the fish based on what each answer.

**Clue #3: Detective Report**  
Once, I went scuba-diving in the ocean and saw more than 17-9 sea creatures. First, I saw an 18-10 sea creature. Out at 19-20, I saw a 20-1 sea creature. Around 21-22, I saw a 22-3 sea creature. Shore, I saw a 23-4 sea creature. Where I saw a 24-5 sea creature. Cross out the sea creatures that don't fit the clues. Then, figure out what I saw.

**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.

## solve the mystery



THE LIFETIME LEARNER

### 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. <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

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

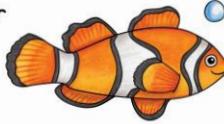
# HOW TO PLAY



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

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

THE LIFETIME LEARNER

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

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.

**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**  
I was diving in the ocean and saw more than  $17-9 = 8$  sea creatures. First, I saw a turtle with  $9-5 = 4$  babies. Next,  $6-3 = 3$  seagulls were flying over the sand. On my way back to shore, I saw a shark.

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

All clues focus on reviewing subtracting with pictures!

# MULTIPLE VERSIONS



**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!

**Clue #2: Color the Fish**

**Clue #3: Detective Report**

Once, I went scuba-diving in the ocean and saw more than 17-9 <sup>8</sup> sea creatures. First, I saw an orange fish with 20-8 <sup>12</sup> spots. Then, I saw a sea turtle with 9-5 <sup>4</sup> babies.

Out at sea, I saw 1 <sup>1</sup> 2 <sup>2</sup> 3 <sup>3</sup> 4 <sup>4</sup> 5 <sup>5</sup> 6 <sup>6</sup> 7 <sup>7</sup> 8 <sup>8</sup> 9 <sup>9</sup> 10 <sup>10</sup> 11 <sup>11</sup> 12 <sup>12</sup> 13 <sup>13</sup> 14 <sup>14</sup> 15 <sup>15</sup> 16 <sup>16</sup> 17 <sup>17</sup> 18 <sup>18</sup> 19 <sup>19</sup> 20 <sup>20</sup> 21 <sup>21</sup> 22 <sup>22</sup> 23 <sup>23</sup> 24 <sup>24</sup> 25 <sup>25</sup> 26 <sup>26</sup> 27 <sup>27</sup> 28 <sup>28</sup> 29 <sup>29</sup> 30 <sup>30</sup> 31 <sup>31</sup> 32 <sup>32</sup> 33 <sup>33</sup> 34 <sup>34</sup> 35 <sup>35</sup> 36 <sup>36</sup> 37 <sup>37</sup> 38 <sup>38</sup> 39 <sup>39</sup> 40 <sup>40</sup> 41 <sup>41</sup> 42 <sup>42</sup> 43 <sup>43</sup> 44 <sup>44</sup> 45 <sup>45</sup> 46 <sup>46</sup> 47 <sup>47</sup> 48 <sup>48</sup> 49 <sup>49</sup> 50 <sup>50</sup> 51 <sup>51</sup> 52 <sup>52</sup> 53 <sup>53</sup> 54 <sup>54</sup> 55 <sup>55</sup> 56 <sup>56</sup> 57 <sup>57</sup> 58 <sup>58</sup> 59 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**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!

**Clue #2: Color the Fish**

Solve each question. Circle the right answer and color in the

**Clue #3: Detective Report**

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

**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**

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

**5 Clue Version**

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.

# Short & Long Options

# 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!

5 brown      10 purple      12 green      3 blue

20-10      5-2      9-4      18-6      13-3

10-5      15-3      16-6      14-9      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

# MATH FACT VERSION!

**What Did I See in the Ocean?**

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

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

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.

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

**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 A: 12 - green stripes B: 11 - red stripes C: 10 - yellow stripes D: 9 - blue stripes	9-4 A: 8 - red nose B: 5 - blue nose C: 11 - green nose D: 13 - yellow nose
15-7 A: 4 - pink bubbles B: 9 - purple fins C: 10 - red fins D: 11 - green fins	17-10 A: 4 - orange seaweed B: 5 - red eyes C: 6 - blue seaweed D: 7 - blue eyes
12-6 A: 3 - green bubbles B: 6 - blue bubbles C: 8 - gray bubbles D: 10 - orange bubbles	6-2 A: 4 - purple eyes B: 5 - red eyes C: 7 - blue eyes D: 8 - white eyes

**Clue #3: Detective Report**  
Once, I went scuba-diving in the ocean and saw more than  $8+6 = 14$  sea creatures. First, I saw an orange fish with  $9+9 = 18$  spots. Then, I saw a sea turtle with  $2+3 = 5$  babies. At sea, I saw  $10+6 = 16$  sharks and  $1+7 = 8$  dolphins!  $11+4 = 15$  seagulls were flying and above them, I also saw  $5+5 = 10$  crabs crawling along the sand. On my way back to shore, I saw a giant blue whale eating  $13+6 = 19$  fish. I swam away and got to the shore. I picked up  $4+2 = 6$  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	17-6 D 11 9 X L	12-8 H 4 3 L	3-2 A 1 X 6
20-5 E 15	14-5 D 9 X L	8-5 L 3	10-4 A 6

Cross out the red animals if there are:  

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

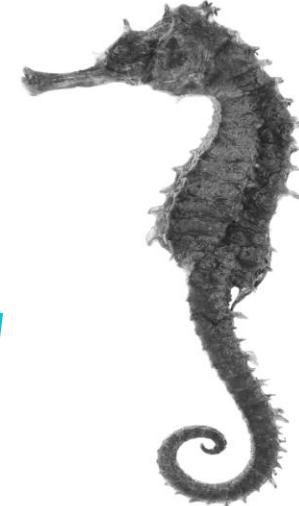
The creature does not have a: **shell**.  
 The letters that are left will reveal a message: **9, 1, 7**

**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.

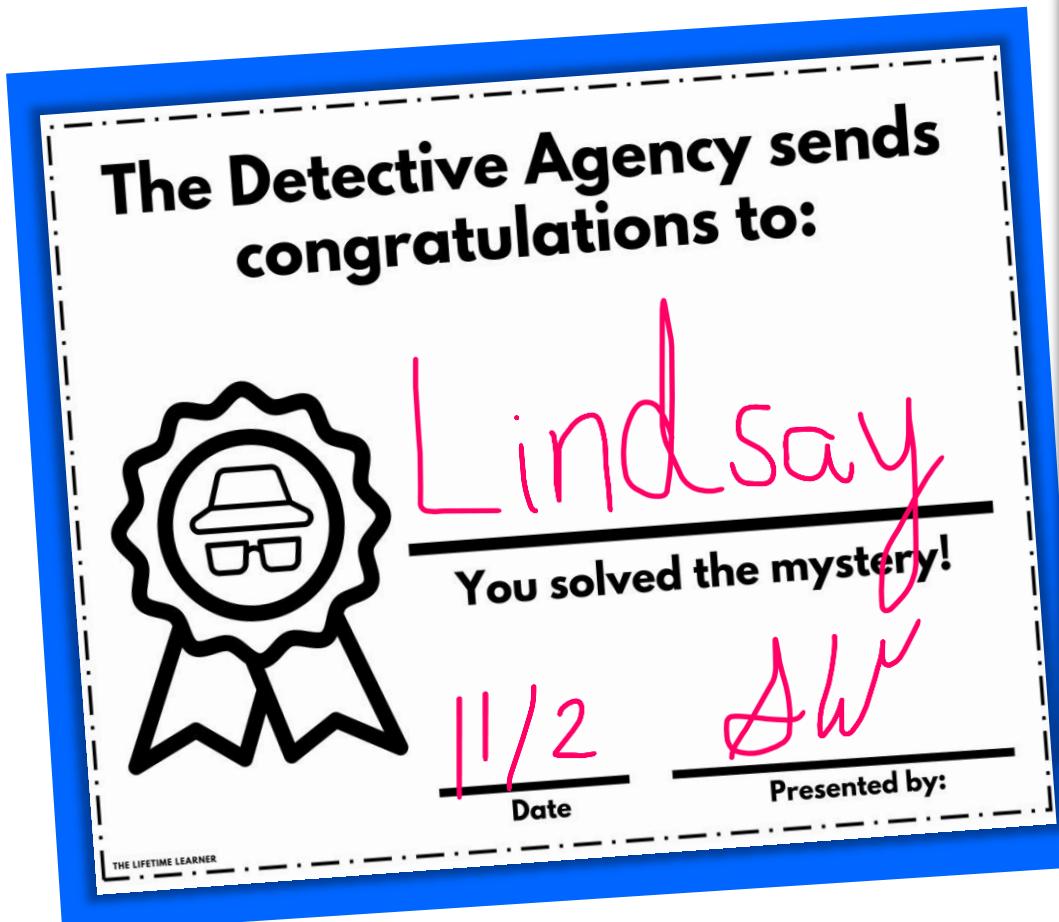
4 sharp	12 the	9 slow	5 sharp	11 a	8 nose
6 creature	15 teeth	17 how	18 gray	2 sea	1 eye
3 fins	10 bow	13 no	20 you	7 gills	14 fish
Answer: 4 sharp	Word: the	Answer: 17 how	Word: gray	Answer: 2 sea	Word: eye
5+7 12	14-9 5 that	13+7 20 you	8+9 17 has	11-7 4 sharp	6+3 9 claws
8-6 2 set	14-9 5 that	13+7 20 you	8+9 17 has	11-7 4 sharp	6+3 9 claws
4+2 6 creature	14-9 5 that	13+7 20 you	8+9 17 has	11-7 4 sharp	6+3 9 claws
6-5 1 I saw	14-9 5 that	13+7 20 you	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



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

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

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.

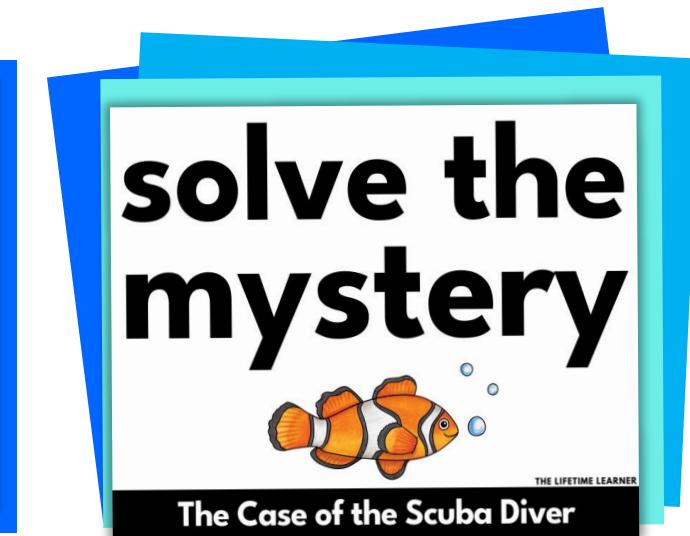
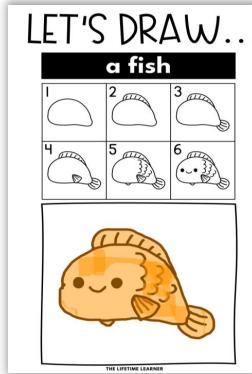
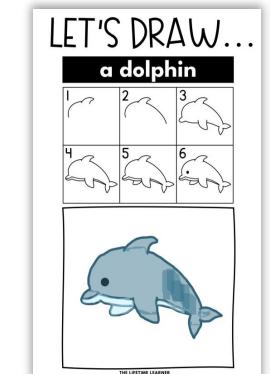
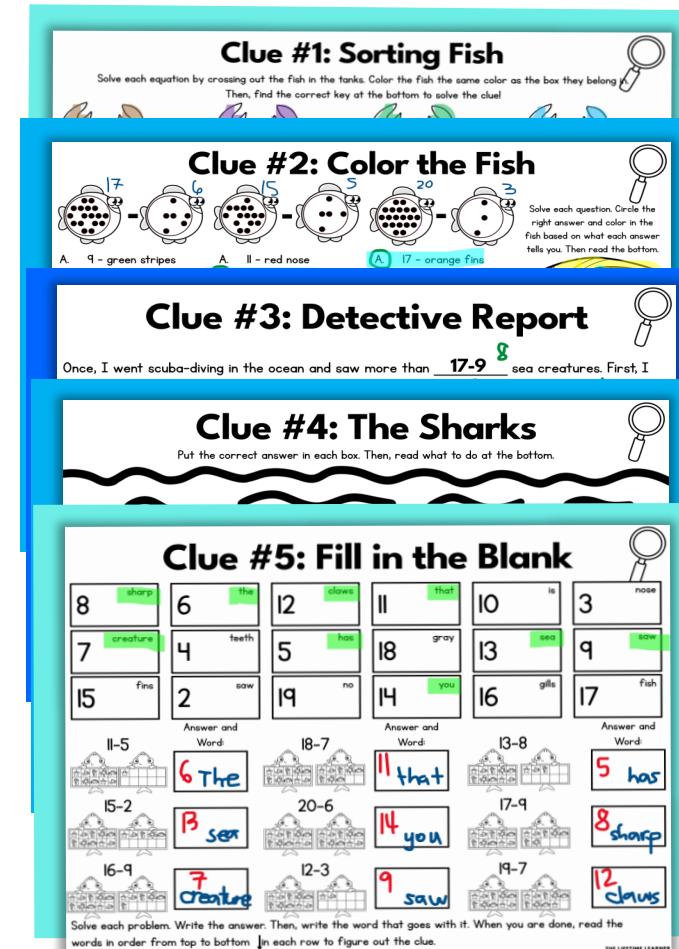
First graders will need teacher support to read & understand the clues/directions

# 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!



# 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.

**ding**

I have sharp claws.  
You did not see any.

I have sharp teeth.  
You did not see any sharp teeth!

I have a green shell.  
You did not see a green shell.

**Shark**

**Sea Turtle**

thud

flash

stick

moth

chin

wash

shin

chest

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

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

5 brown      10 purple      12 green      3 blue

10°      3      5°      12°      10

0-10      5-2      9-4      18-6      13-3

0-5      12      10      5      3

15-3      16-6      14-9      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
- 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

# 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!

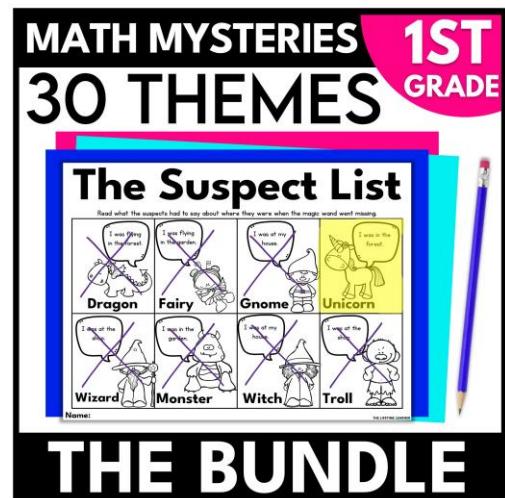


## MORE MATH MYSTERIES:

Explore other grade levels to differentiate and keep every student engaged.



BUY A BUNDLE  
TO SAVE BIG!



THE BUNDLE