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This book belongs to

Introduction

Watch Me Learn: Color by Number is a math-driven coloring book guaranteed to engage young learners. They will interpret a variety of methods to represent numbers in order to determine the colors to use to complete each picture. These number representations include matching the following:

- numbers (1–20)
- dot configurations to numbers (1–15)
- ten frames for numbers (1–10)
- 2D shapes and shapes to shape words
- counting hands (1–10)
- number words to numbers
- tally marks to numbers (1–20)
- adding tens and ones to 20
- addition problem *sums* to numbers (1–20)
- subtraction problem *differences* to numbers (1–20)
- solve for the missing numbers (1–20)

Tips to Get You Started

Young learners are being presented with many new concepts in this creative book. Here are some tips to help combine the math skills with the coloring activities using the color key on each page.

1. Determine how each page's color key works. Here are some possibilities:
Are you matching numbers to numbers or numbers to dot configurations?
Are you finding the sum of a math equation to see which color to use?
Are you interpreting ten frames or tally marks?
2. Review the color words on each page. Have your child fill in the correct crayon color in the color key. This way, if color substitutions need to be made, you can discuss options. For instance, if you do not have a *tan* crayon, but have a *yellow orange*, that might work for a picture of a lion. If the page calls for a *light* and *dark* version of the same color, help your artist see which shades will work before starting.

Follow-up Discussions

Follow up each day's activity with questions to acknowledge your young learner's efforts. Focus on different aspects of each completed page.

- What numbers did you work with today? How were the numbers represented?
- How many different colors were used in the picture? Did you learn any new color words?
- What animal did you color? What do you know about this animal? Would you like to learn more about this animal?
- What was the most fun about this page? What was the trickiest part?

Name: _____



$6 + 4 =$ (orange)

$5 + 3 =$ (yellow)

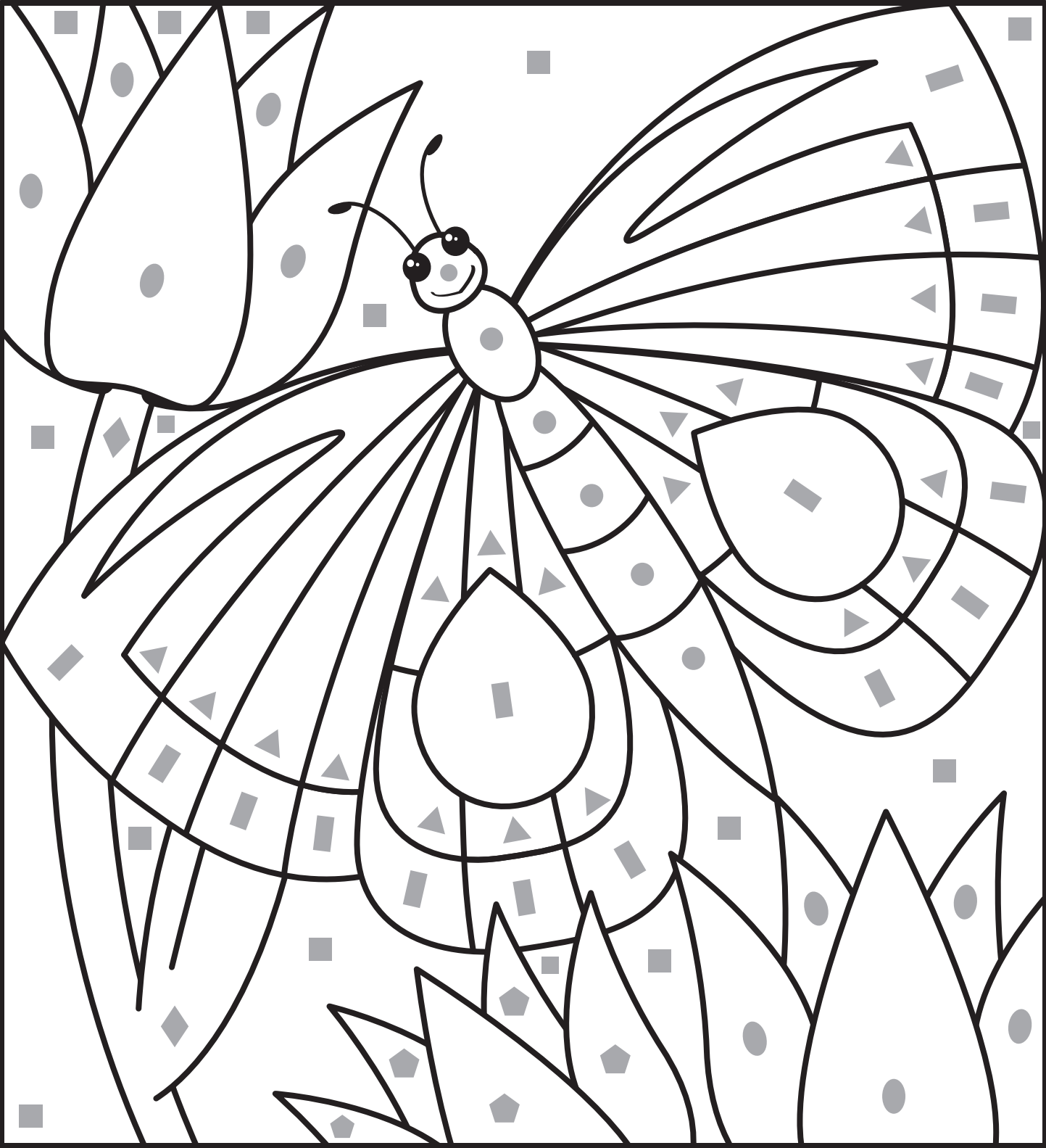
$7 + 2 =$ (light green)








$3 + 3 =$ (light blue)

$4 + 1 =$ (brown)

$5 + 2 =$ (tan)

Name: _____



 blue	 pink	 red	 gray
 orange	 yellow	 green	

Name: _____



circle (pink) **rectangle** (dark green) **square** (dark blue)

pentagon (light blue) **oval** (brown) **triangle** (gray) **rhombus** (light green)

Name: _____



8 yellow

9 brown

10 black

11 blue

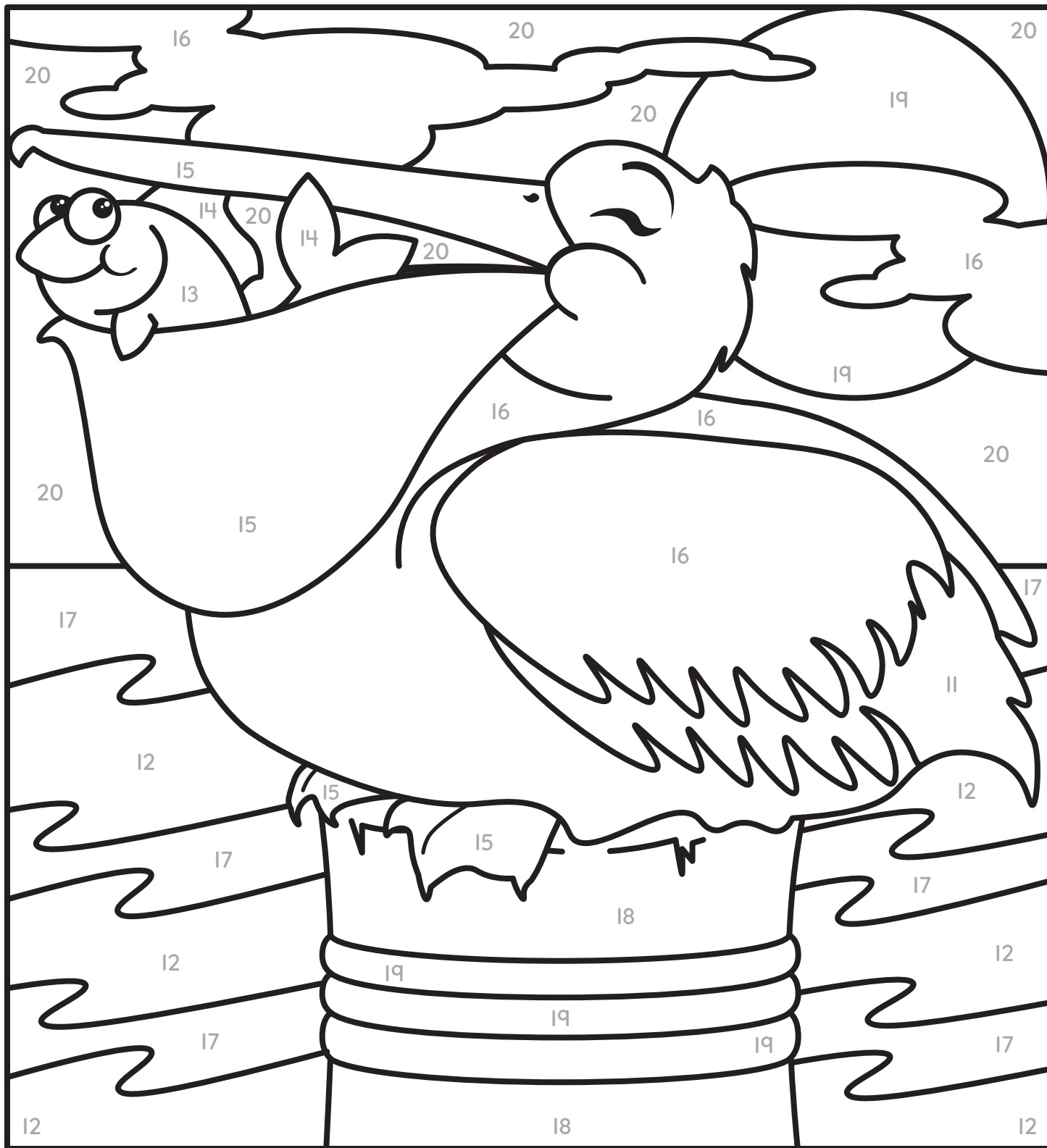
12 gray

13 white

14 dark green

15 light green

Name: _____



black



green



pink



red



orange



white



dark blue



brown



yellow



light blue