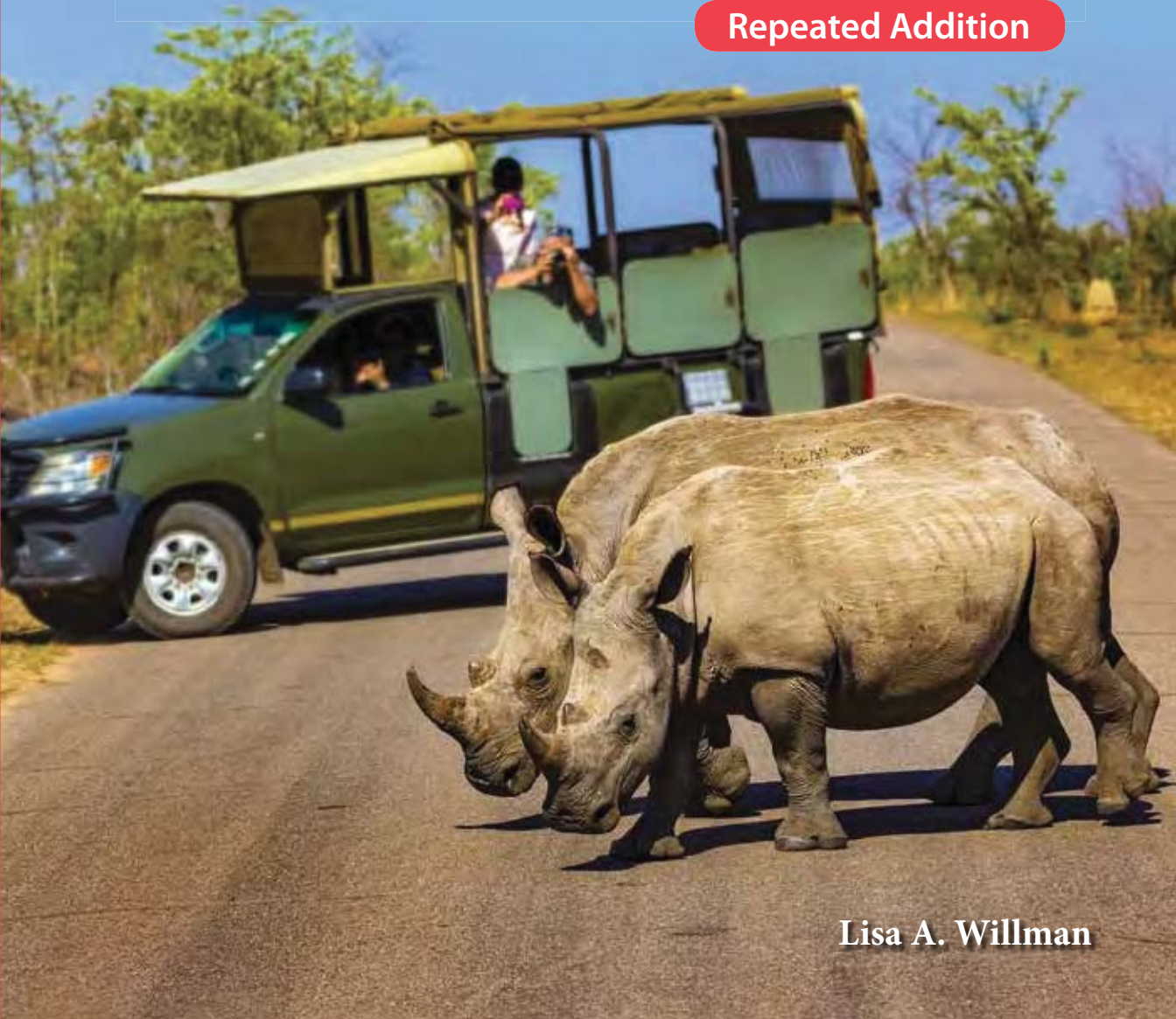
Travel Adventures

Kruger National Park

Repeated Addition



Lisa A. Willman

Table of Contents

Landing Soon 4

The Camp 8

Safari Time! 12

Early Mornings 22

What Is That Sound? 24

Problem Solving 28

Glossary 30

Index 31

Answer Key 32

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Landing Soon

Sam looks out the plane window. It took hours, but she can finally see South Africa. She shifts in her seat and hugs her stuffed elephant, Ellie, tightly.

Sam's family is going to Kruger (KROO-guhr) National Park. There are many animals in the park. Sam wants to see all of them. But most of all, she wants to see elephants! Sam loves elephants. She thinks she may see some on her trip. Sam cannot wait!

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Elephants roam at Kruger National Park.

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Sam and her parents go to pick up their **rental** car. As her parents drive, Sam reads. Sam learns more about South Africa. She reads about Kruger National Park, too. The park is not like a zoo. There are no cages. Instead, animals live in the wild. Sam is excited to see them run free.

For review only

Sam and her parents drive into Kruger National Park.



South Africa

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The Camp

Sam finishes her book just as the car stops. She looks out the window and sees a group of round **huts**. She holds up Ellie so she can see their new home.

"These huts look like beehives," Sam tells her parents. Sam makes buzzing noises as she gets out of the car. She cannot believe she gets to live here for the next five days!



a hut at Kruger National Park

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LET'S EXPLORE MATH

Sam's parents get a map of the huts.



1. How many rows of huts are there?
2. How many columns of huts are there?
3. How many total huts are there?

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Math Talk

1. What is the difference between rows and columns?
2. How can having objects arranged in arrays help you quickly count them?
3. Sean writes in his math journal that he can make an array with only one item. Describe Sean's array.
4. José writes 2 + 2 + 2 + 2 + 2 + 2 to express 12. Doug writes 6 + 6 to express 12. If both of them build arrays to show their expressions, how will the arrays be similar and different?
5. Do you think it is easier to create an array when the number of objects is given, or to find the number of objects when an array is shown? Why?
6. Describe times where a wildlife park ranger might use repeated addition.

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