

The Great Divide



by Suzanne Slade illustrated by Erin E. Hunter

The Great Divide



Many animals, like people, enjoy spending time with their friends and family. Many groups of animals have their own unique names. Did you know a group of gorillas is called a band? And a bunch of billy goats is a tribe? Following in the footsteps of *Multiply on the Fly* (multiplication), *What's New at the Zoo?* (addition) and *What's the Difference?* (subtraction), this rhythmic, fun-to-read-aloud book introduces children to division as they conquer bands, tribes, mobs and more.

It's so much more than a picture book . . . this book is specifically designed to be both a fun-to-read story and a launch pad for discussions and learning. Whether read at home or in a classroom, we encourage adults to do the activities with the young children in their lives. Free online resources and support at www.ArbordalePublishing.com include:

- For Creative Minds as seen in the book (in English & Spanish):
 - Collective Nouns Matching
 - Where in the World?
 - Hands On: Dividing Cookies
 - Division: Opposite of Multiplication
- Teaching Activities:
 - Reading Questions
 - Language Arts
 - Science
 - Math
 - Geography
 - Coloring Pages
- Interactive Quizzes: Reading Comprehension, For Creative Minds, and Math Word Problems
- English and Spanish Audiobooks
- Related Websites
- Aligned to State and Core Standards
- Accelerated Reader and Reading Counts! Quizzes
- Lexile and Fountas & Pinnell Reading Levels

eBooks with Auto-Flip, Auto-Read, and selectable English and Spanish text and audio available for purchase online.

Thanks to Hallsville ISD (TX) math teacher Rachel Hilchey for reviewing the math-related information in this book.

Suzanne Slade is the award-winning author of over 80 books for children including *The Great Divide*, *Multiply on the Fly*, *What's the Difference?*, *What's New at the Zoo?*, and *Animals are Sleeping* for Arbordale. Her works include picture books, biographies, and many non-fiction titles about animals, sports, and nature. One of her favorite parts of the writing process is researching and learning new things. Suzanne lives near Chicago with her husband Mike, two children, and their tiny dog Corduroy.

As both a children's book and scientific illustrator, **Erin Hunter** specializes in entomological and botanical illustrations. She illustrated *The Great Divide*, *Multiply on the Fly*, and *A Day on the Mountain* for Arbordale, and she has taught botanical illustration and field sketching at University of California at Santa Cruz. Erin's portfolio includes print and online design projects for clients ranging from marketing firms to culinary groups to educational organizations—and she's drawn insects under a microscope for the Smithsonian's Museum of Natural History. Erin lives with her husband on California's Monterey Peninsula. When she's not sketching and painting, she tends to flowers, fruit trees, and vegetables in her backyard garden.



Suzanne Slade



Erin E. Hunter

The Great Divide

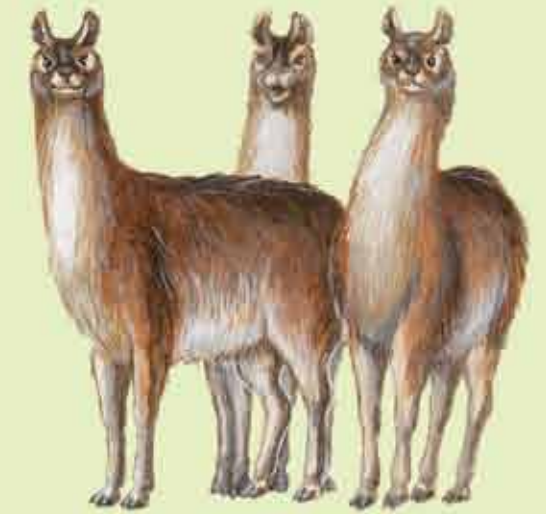
by Suzanne Slade
illustrated by Erin E. Hunter



Like people, most animals spend a lot of time with their family and friends. Many groups of animals have their own cool names. Have fun discovering animal group names while practicing your division skills too!



squirrels - dray



llama - herd



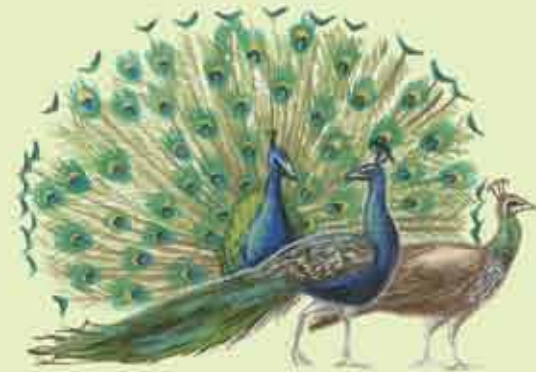
foxes - skulk



lions - pride



flamingos - stand



peacocks - muster



wolves - pack



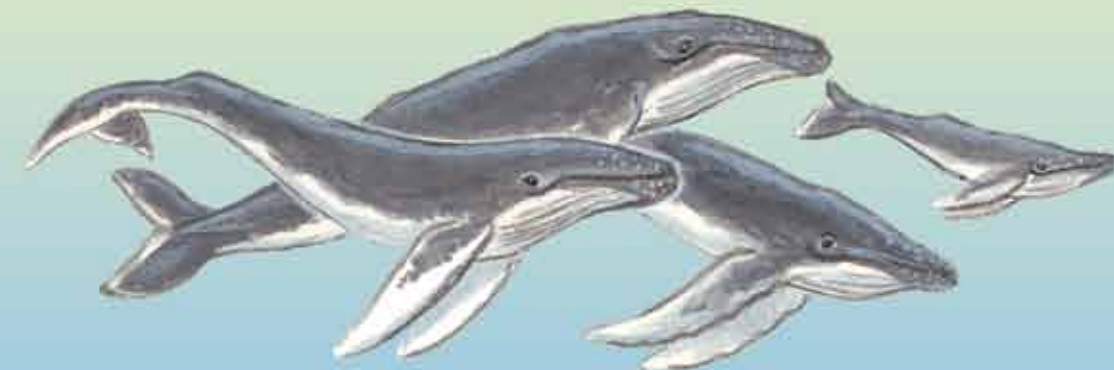
meerkats - mob



fish - school



penguins - rookery



whales - pod

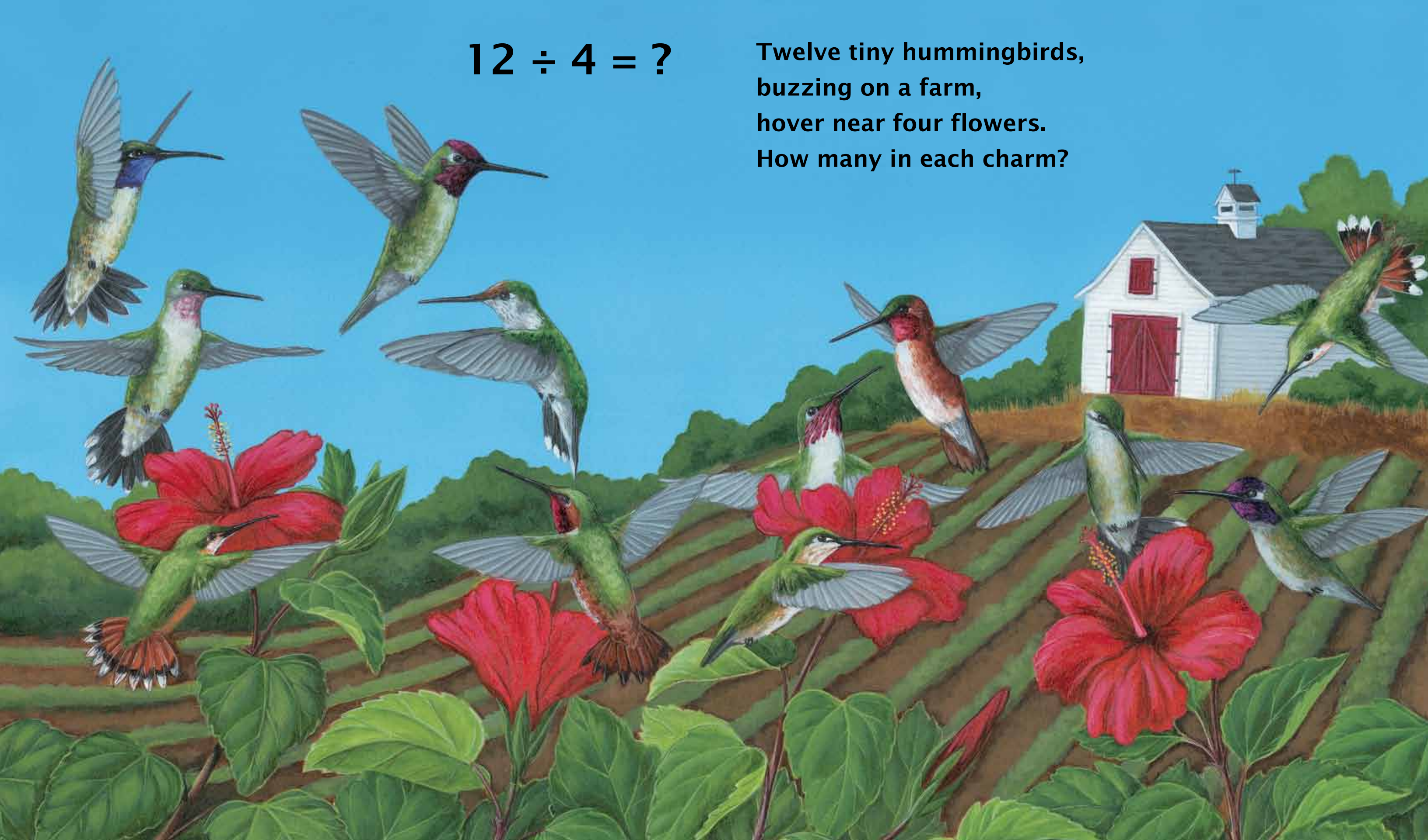
Ten baby leatherbacks
leave a sandy trail.
Five groups head for sea.
How many in each bale?

$$10 \div 5 = ?$$

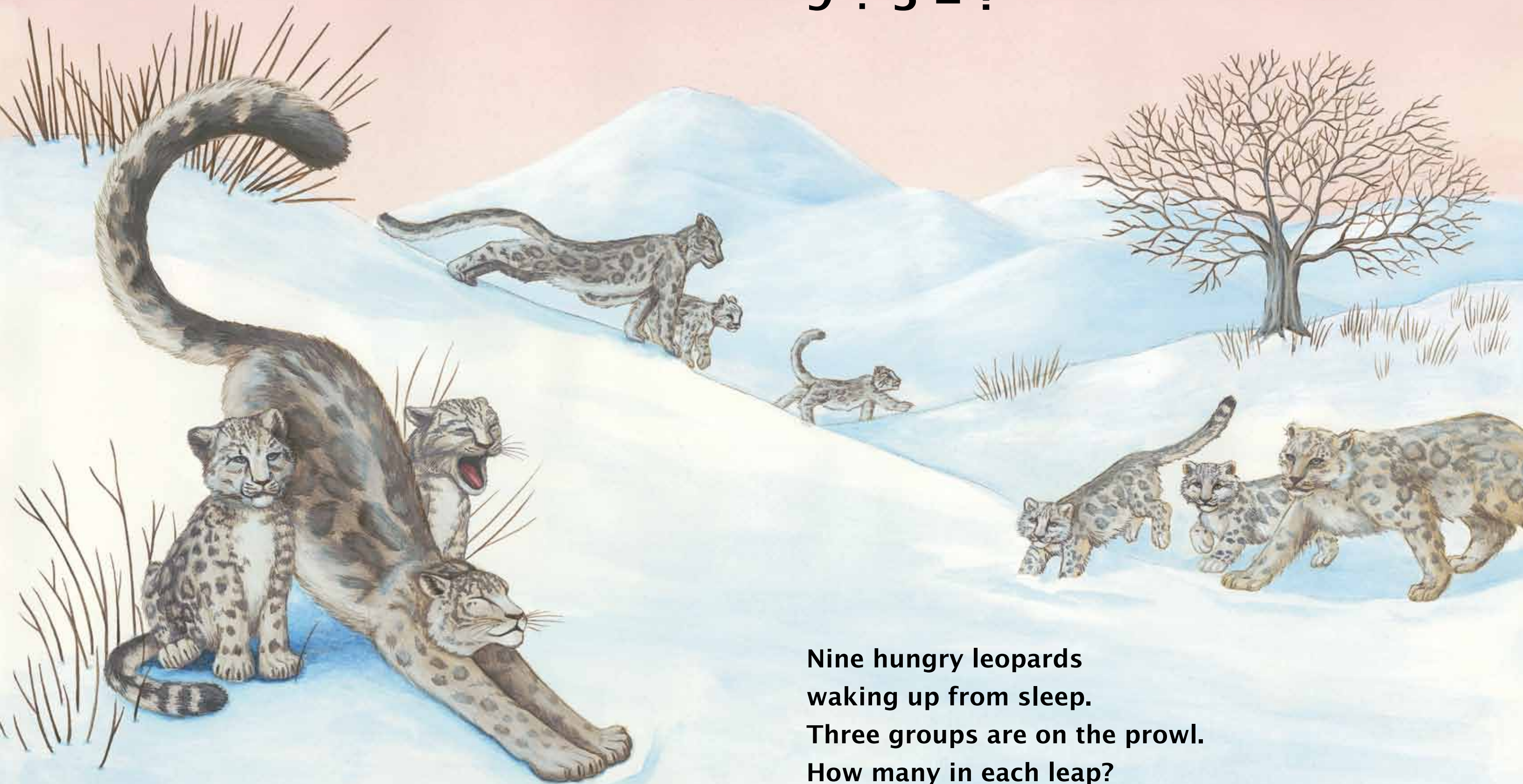


$$12 \div 4 = ?$$

Twelve tiny hummingbirds,
buzzing on a farm,
hover near four flowers.
How many in each charm?



$$9 \div 3 = ?$$



**Nine hungry leopards
waking up from sleep.
Three groups are on the prowl.
How many in each leap?**

For Creative Minds

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Collective Nouns Matching

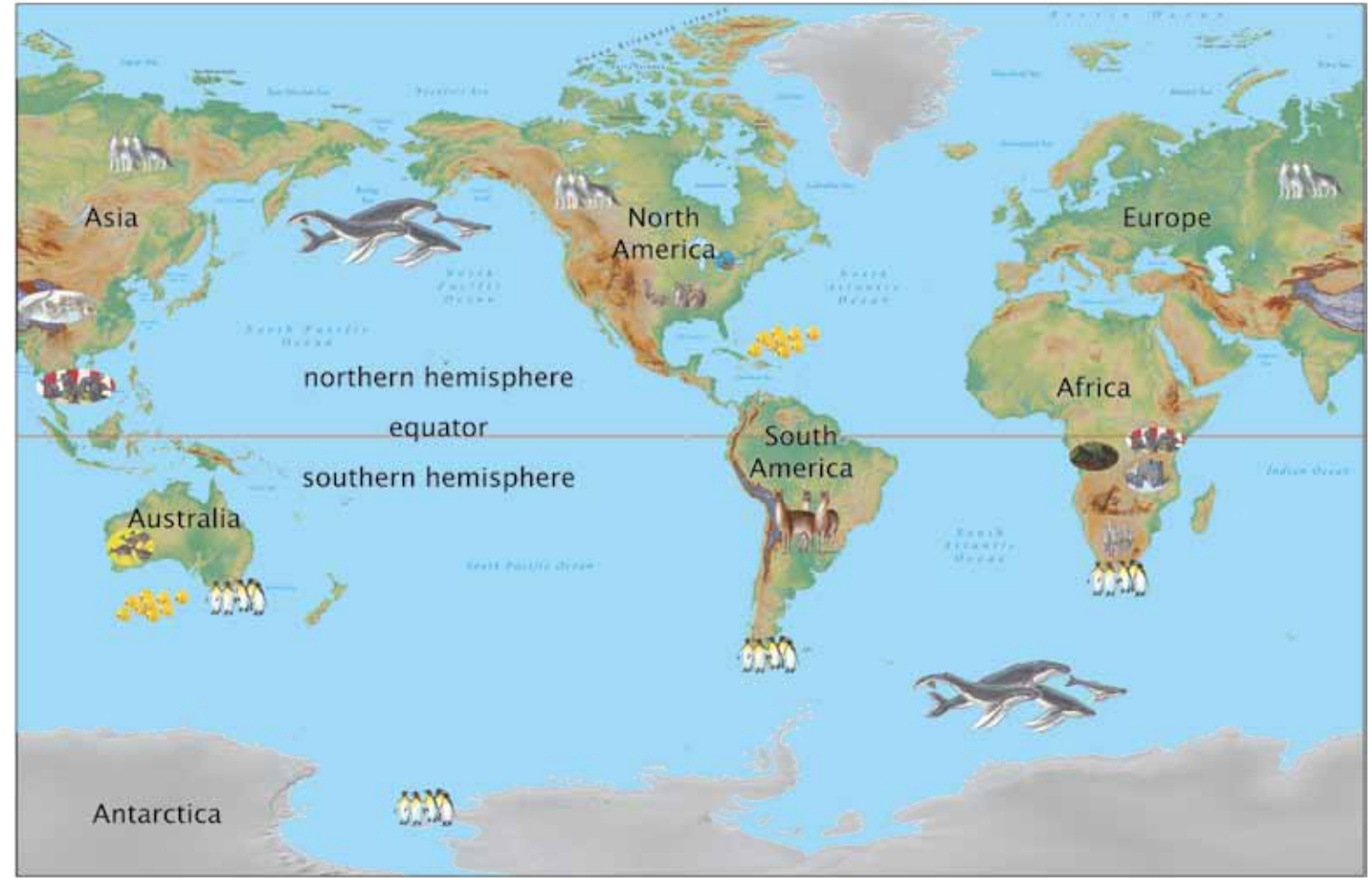
Match the animal with its collective noun (group name). Some group names are used more than once.



- bale
- band
- charm
- crash
- dray
- flock
- herd
- knot
- leap
- mob
- pack
- pod
- pride
- school
- skulk
- smack
- stand
- team
- tribe

Collective Nouns: gorillas-band; leopards-leap; pelicans-flock; squirrels-dray; whales-pod; foxes-skulk; hummingbirds-charm; meerkats-mob; riders-stand; Billy goats-tribe; wolves-pack; dolphins-school; ducks-team; kangaroos-herd; llamas-bale; meerkats-mob; rhinos-charge; lions-pride; elephants-herd; jellyfish-smack; meerkats-mob; rhinos-charge; lions-pride; elephants-herd; jellyfish-smack

Where in the World?



Animals live all over the world in all kinds of habitats. Some animals live on many continents while others live only on one or two continents. Some animals don't live on land at all—they might live in freshwater lakes, rivers, or salty oceans.

1. Do whales live in rivers or in the ocean?
2. Meerkats, gorillas, and lions all live on which continent?
3. Name two continents where elephants live.
4. On what continent do wallabies live?
5. Which continent do llamas call home?
6. Are penguins found in the northern or southern hemisphere?
7. In which hemisphere do wolves live?
8. Which animals in this book live near you?

1. ocean; 2. Africa and Asia; 3. Africa and Asia; 4. Australia; 5. South America; 6. southern; 7. northern; 8. answers will vary

Hands On: Dividing Cookies

Division tells us how many equal groups there are or how many are in each group.

Suppose you have a dozen (12) cookies to share. How many cookies would each person get if there are 6 people, 4 people, 3 people or 2 people?



When dividing things into groups, the groups should be equal in number.

Suppose two people want to share the 12 cookies but one person takes 10 and gives 2 to the other person. Do you think the cookies were divided equally? Why or why not?

Division can also tell us into how many equal pieces something can be broken (fractions).

Break a cookie in half to give some to a friend. You just **divided** the cookie into two pieces!



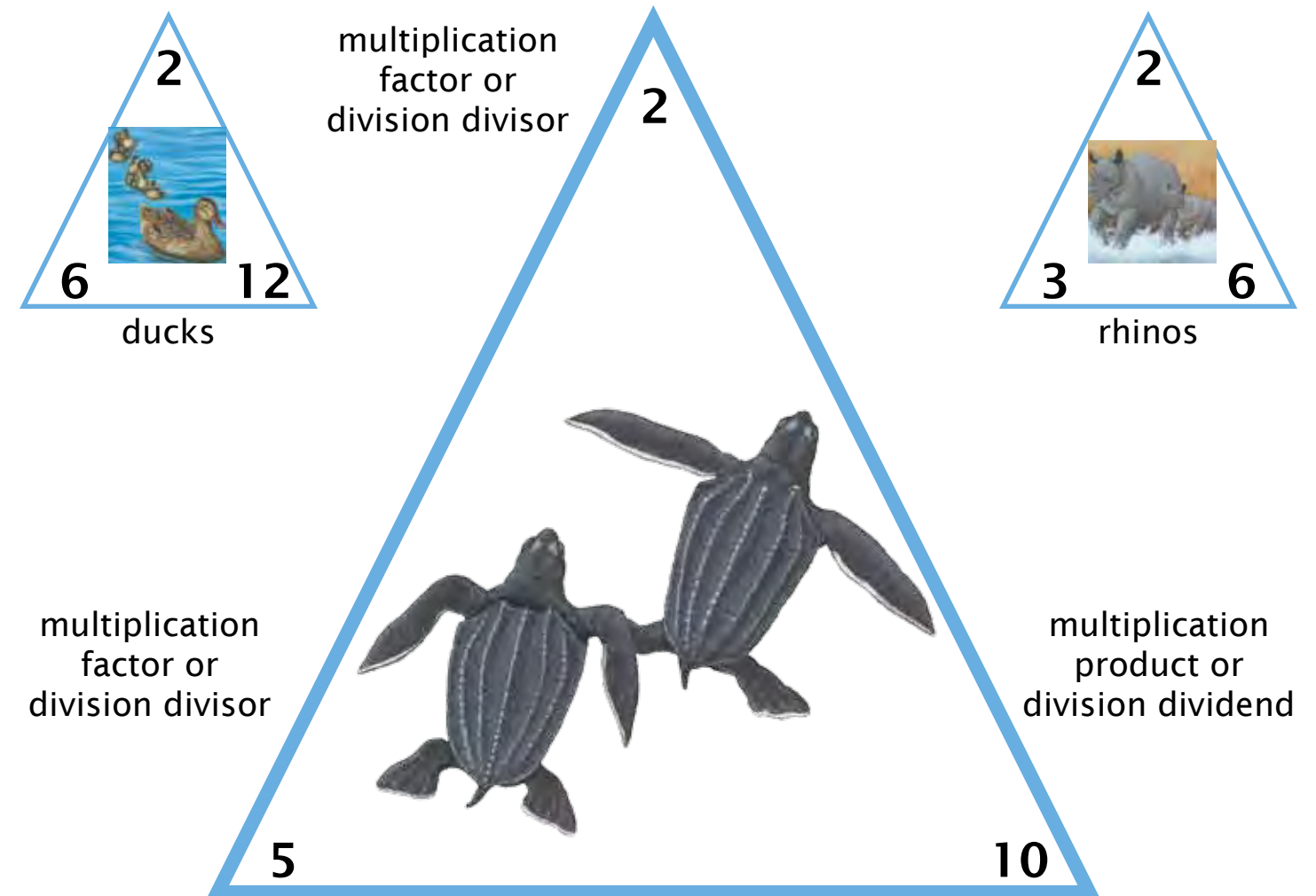
When using small numbers, it's easy to count how many cookies each person should get or how many animals are in each animal group. What happens when the numbers are big or you might not want to count? That's when knowing how to divide numbers is helpful.

Division: Opposite of Multiplication

Division is the opposite of multiplication, just as subtraction is the opposite of addition.

The numbers being multiplied are called factors and the answer to a multiplication problem is called the product. In division, when you divide the product, it is called the dividend and either factor may be used as the divisor. The answer to the division problem (the quotient) will be the factor that wasn't used as the divisor!

2 sea turtles in each bale x 5 bales of turtles = 10 sea turtles.
 5 bales of sea turtles x 2 turtles in each bale = 10 sea turtles.
 10 sea turtles ÷ 2 turtles in each bale = 5 bales of sea turtles.
 10 sea turtles ÷ 5 bales of sea turtles = 2 sea turtles in each bale.



For printable cards to use as manipulatives and the rest of the multiplication and division fact family triangles, go to www.ArbordalePublishing.com and click on the book's cover. From there, click on "teaching activities."

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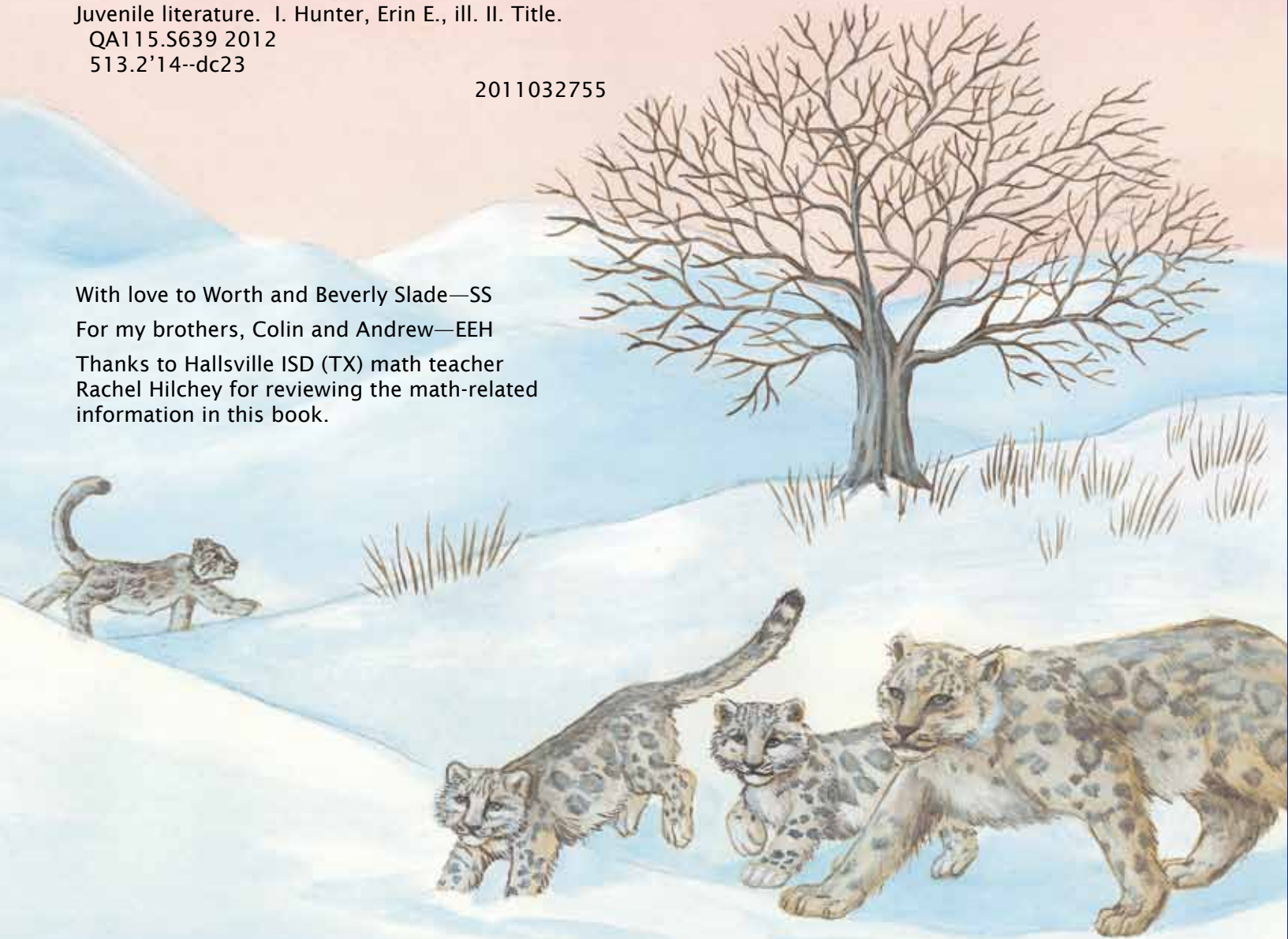
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With love to Worth and Beverly Slade—SS

For my brothers, Colin and Andrew—EEH

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