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Eleven best friends go to the carnival and must find a way to fill all of the seats on each ride before they can whoosh, twirl, and spin their way to fun!

Ages: 6 to 8 years

ISBN: 9780064467100

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Related Books: *The Doorbell Rang* by Pat Hutchins, *A Remainder of One* by Elinor J. Pinczes, *One Hundred Hungry Ants* by Elinor J. Pinczes, *Bean Thirteen* by Matthew Mc Elligott, *Spaghetti and Meatballs for All!* by Marilyn Burns



Divide and Ride

Fill up all the seats on the carnival rides!

Math Connections: Use this book to introduce:

Division

Remainders

Activities to Do Together:

- Discuss the word “remainder” with your child. Talk about different contexts for problems and how to interpret the remainder.
- Give the child a few examples with different contexts.
- Give your child a visual representation of the problem by drawing objects and circling groups to represent division—sometimes showing a remainder, sometimes not.

Extension Questions:

1. What are some numbers of whole cookies you could share equally among 5 friends with no broken cookies and no cookies left over? What are some examples of numbers of whole cookies that cannot be shared evenly among 5 friends?
2. Are there any numbers that can only be divided evenly one way? (Divided evenly means there is no remainder.) Twelve can be divided evenly in many ways: 12 divided by 2 equals 6; 12 divided by 4 equals 3; and so on. But what about 11? How many different ways can you divide 11 evenly? Are there other numbers like 11? Are there other numbers like 12?

Vocabulary for Building Math Concepts:

divide, divided by, eleven, five, four, fourteen, left over, per, three, two

Early Math Project Resources:

[Design and Ride](#) (English)

[Diseña y pasea](#) (Spanish)

Online Resources:

[Math Solutions Lesson based on Divide and Ride](#)