

Parent Guide to the

# **Understanding Whole-Number Quotients**

# Today's Standard

3.OA.A2 - Interpret whole-number quotients of whole numbers, e.g., interpret  $56 \div 8$  as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. For example, describe a context in which a number of shares or a number of groups can be expressed as  $56 \div 8$ .

# Real-World Applications for this Standard

Dividing 24 apples among 6 friends; Splitting 48 candies into bags of 8 candies each; Sharing 30 pencils equally among 5 students

#### Today I Learned

Today we learned how to divide numbers into equal parts. For example, if you have 56 candies and want to share them with 8 friends, each friend gets 7 candies.

## **Common Stumbling Blocks**

Some kids think division always makes numbers smaller, but that's not true. Another mistake is thinking you can't divide if the number you're dividing is smaller than the number you're dividing by.

## Quiz Me

- What is division?
- How many pieces would each friend get if you have 12 cookies and 3 friends?
- Can you divide 5 by 10?
- What happens when you divide 20 by 4?
- Why do we use division?

#### Help Me

Division is like sharing. If you have 24 apples and 6 friends, you can give 4 apples to each friend. You can use division to share things equally or to find out how many groups you can make.