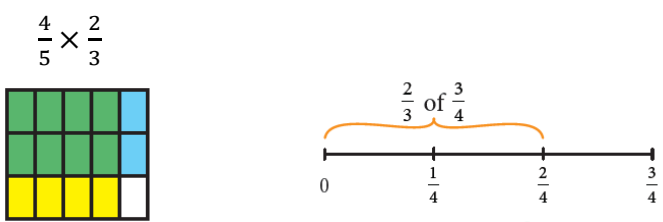


In this unit, we will build upon previous experiences with fraction multiplication to divide a fraction by a fraction. We will use both visual models and equations to solve fraction multiplication and division problems, both in applied and pure mathematics situations. Some of the models we will be using are shown below as well as the lesson and page you can go to find additional examples.

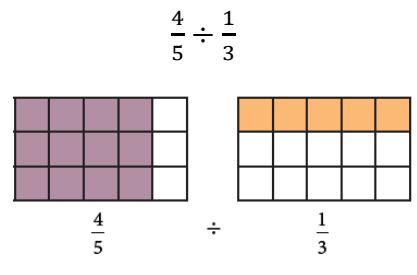
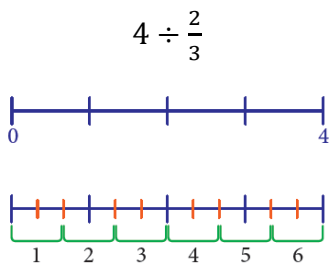
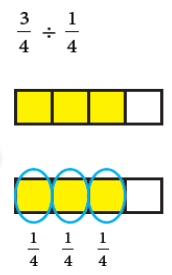
### Fraction Multiplication Models

**Lesson 4.1**  
**Page 69**



### Fraction Division Models

**Lesson 4.2**  
**Pages 73-74**



$\frac{3}{4} \div \frac{1}{4} = 3$

$4 \div \frac{2}{3} = 6$

$\frac{4}{5} \div \frac{1}{3} = 2\frac{2}{5}$

### How You Can Help at Home

- Recognize situations around the home that use fractions.
- Double or triple the ingredients in a recipe to practice multiplying fractions.
- Discuss the concept of dividing a fractional amount (like ingredients in a recipe) by 2 or 3.

### Important Vocabulary

**Unit Fraction**

**Reciprocal**

### Connecting Math Concepts

Past math topics your child has learned that will be activated in this unit	Future math this unit prepares your child for
<ul style="list-style-type: none"> <li>➤ Finding and interpreting quotients of whole numbers less than 100.</li> <li>➤ Multiplying fractions by whole numbers and fractions by fractions.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Applying and extending previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.</li> <li>➤ Solving equations with rational number coefficients.</li> </ul>