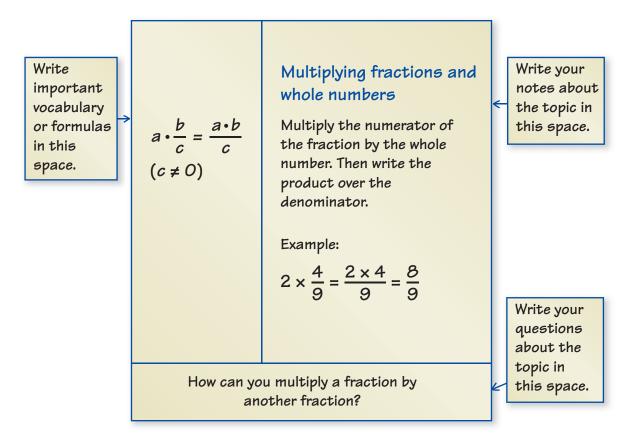**Check It Out**
Graphic Organizer
BigIdeasMath.com

You can use a **notetaking organizer** to write notes, vocabulary and questions about a topic. Here is an example of a notetaking organizer for multiplying fractions and whole numbers.

Write important vocabulary or formulas in this space.

$$a \cdot \frac{b}{c} = \frac{a \cdot b}{c}$$
$$(c \neq 0)$$

Multiplying fractions and whole numbers

Multiply the numerator of the fraction by the whole number. Then write the product over the denominator.

Example:

$$2 \times \frac{4}{9} = \frac{2 \times 4}{9} = \frac{8}{9}$$

Write your notes about the topic in this space.

How can you multiply a fraction by another fraction?

Write your questions about the topic in this space.

On Your Own

Make a notetaking organizer to help you study these topics.

1. estimating with mixed numbers

2. multiplying two fractions

3. multiplying mixed numbers

After you complete this chapter, make notetaking organizers for the following topics.

4. dividing by a fraction

5. dividing mixed numbers

6. writing decimals as fractions

7. writing fractions as decimals

Yeah, but now the knives, forks, and spoons are a mess.

"The **notetaking organizer** in my math class gave me an idea of how to organize my doggy biscuits."