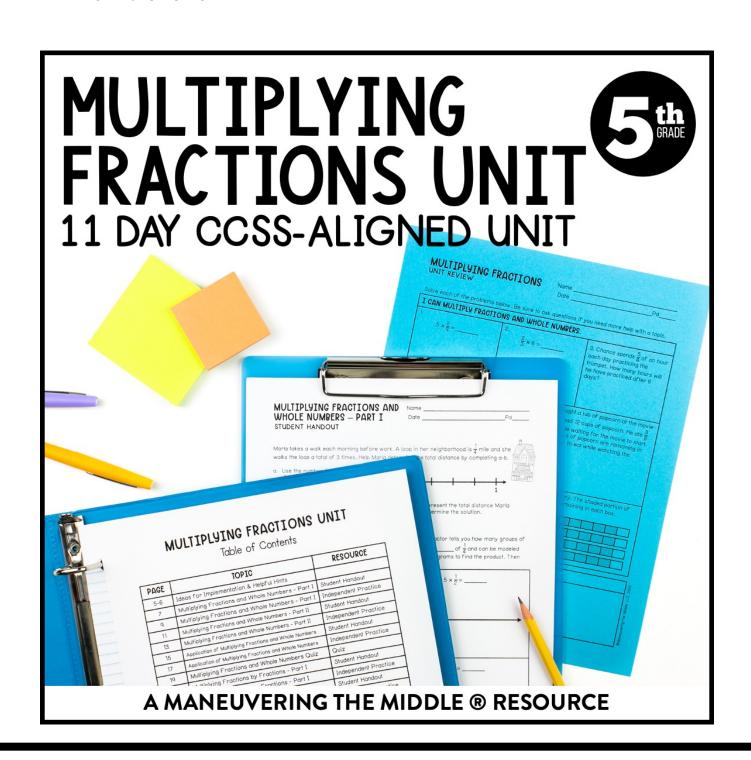
learning focus:

- multiply a fraction or a whole number
- multiply a fraction by a fraction
- compare the size of a product to the size of its factors



MULTIPLYING FRACTIONS

th GRADE

an 11 day CCSS-aligned unit CCSS: 5.NF.4a, 5.NF.4b, 5.NF.5a, 5.NF.5b, 5.NF.6,

ready-to-go, scaffolded student materials

MULTIPLYING FRACTIONS UNIT

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MULTIPLYING FRACTIONS



an 11 day CCSS-aligned unit CCSS:5.NF.4a, 5.NF.4b, 5.NF.5a, 5.NF.5b, 5.NF.6,

student friendly + real-world application

MULTIPLYING FRACTIONS BY FRACTIONS — PART I STUDENT HANDOUT	Name	Pd	scaffolded concepts
Camila has $\frac{2}{3}$ of her red velvet cake leftover a portion of the leftover cake to her brother Car $\frac{1}{2}$ or $\frac{1}{4}$ of the leftover cake with her brother. U	fter her birthday party. She decides to giv vlos. She can't decide if she wants to shar Jse parts a-c to help her decide.	ve a	33.133 p.13
a. Camila starts by considering $\frac{1}{2}$ of the leftover cake. Demonstrate how Camila can use the two models as different ways to determine the portion of the whole cake Carlos would receive. Then complete the sentence below the models.	b. If Camila decides to share $\frac{1}{4}$ of her cake, how can she divide the model to determine $\frac{1}{4}$ of $\frac{2}{3}$? Demonstrate below sketching your thinking on the models. The adjusted models to complete the set below the models.	o help her / by . Then use	
$\frac{1}{2}$ of $\frac{2}{3}$ is of the whole cake.	$\frac{1}{4}$ of $\frac{2}{3}$ is of the whole c	MULTIPLYING FRACTIONS BY FRACTIONS — PART II INDEPENDENT PRACTICE	NamePd
c. If Camila wants to share at least $\frac{1}{5}$ of the whelftovers should she share with him? Explain.	nole cake with her brother, which portion	Solve each problem below. Match your answer	es in the table to solve the riddle.
Use the suggested models to help you answer of		3 7×5	5 Kate goes to the gym each morning and spends $\frac{3}{4}$ of an hour running on the treadmill. She spends $\frac{2}{3}$ that amount of time lifting weights. How long does Kate spend lifting weights?
1. The JMS yearbook has $\frac{1}{2}$ of a page filled with soccer photos. They included text for	2. Mr. Miller has $\frac{3}{4}$ of a pizza leftove dinner. He plans to bring $\frac{1}{6}$ of the lef	2 Of the ready-made meals at the grocery	6
What portion of the page included text for soccer photos?	lunch the next day. What portion of will he bring for lunch? Use a circular area model to solve.	store, $\frac{1}{3}$ are Italian. Of the Italian meals, $\frac{4}{5}$ are vegetarian. What fraction of the meals at the grocery store are Italian and vegetarian?	
captions on $\frac{1}{3}$ of the soccer photo section. What portion of the page included text for soccer photos? Use a fraction strip to model and solve.	lunch the next day. What portion of vill he bring for lunch?	store, $\frac{1}{3}$ are Italian. Of the Italian meals, $\frac{4}{5}$ are vegetarian. What fraction of the meals at the	
What portion of the page included text for soccer photos?	lunch the next day. What portion of vill he bring for lunch?	store, $\frac{1}{3}$ are Italian. Of the Italian meals, $\frac{4}{5}$ are vegetarian. What fraction of the meals at the	Dillon had $\frac{3}{10}$ of a roll of paper towels. He used $\frac{2}{q}$ of what was left on the roll when cooking dinner. What fraction of the roll of
What portion of the page included text for soccer photos?	lunch the next day. What portion of will he bring for lunch? Use a circular area model to solve.	store, $\frac{1}{3}$ are Italian. Of the Italian meals, $\frac{4}{5}$ are vegetarian. What fraction of the meals at the grocery store are Italian and vegetarian? $\frac{7}{10} \times \frac{2}{3}$ Ms. Lopez had $\frac{5}{6}$ of a bottle of maple syrup. She used $\frac{3}{8}$ of what was in the bottle for a granola recipe. What portion of the entire bottle of maple syrup did she use to make	Dillon had $\frac{3}{10}$ of a roll of paper towels. He used $\frac{2}{q}$ of what was left on the roll when cooking dinner. What fraction of the roll of

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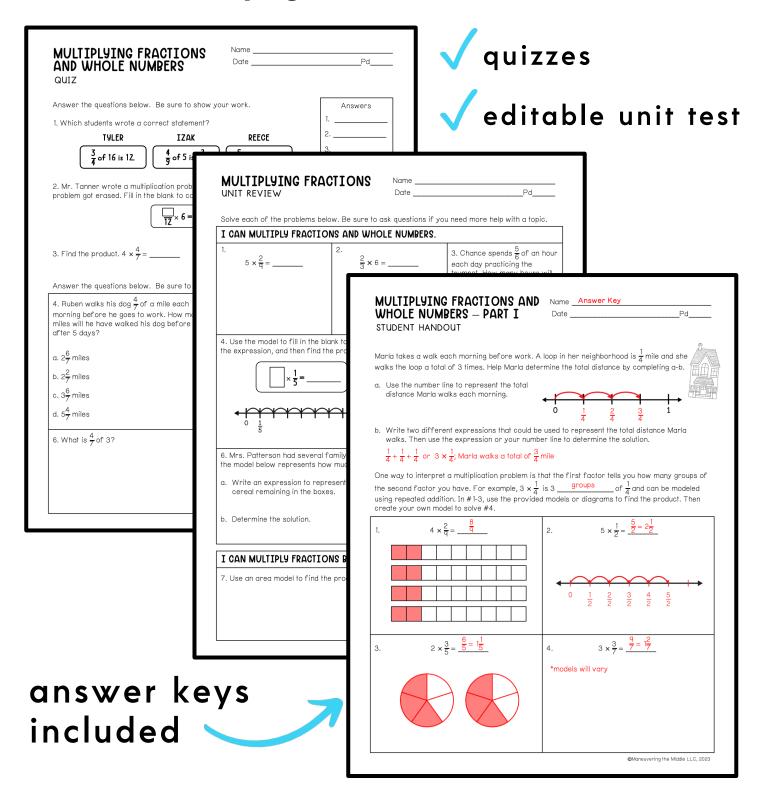
practice

MULTIPLYING FRACTIONS



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unit study guide + assessments



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