Chapter 6

Add and Subtract Fractions with Unlike Denominators



Chapter At A Glance

Domain: Number and Operations—Fractions

Chapter Essential Question How can you add and subtract fractions with unlike denominators?

Use the GO Math! Planning Guide for correlations, mathematical practices information, and more.

Lesson At

A Glance

2 Days LESSON 6.1

5.NF.A.1 5.NF.A.2

Investigate • **Addition with Unlike** Denominators.....351A

Essential Question How can you use models to add fractions that have different denominators?

Objective

Use models to add fractions with unlike denominators.

Vocabulary

sum

ELL Strategy

Strategy • Model Language

2 Davs LESSON 6.2

5.NF.A.2

Investigate • Subtraction with Unlike Denominators.... 357A

How can you use models to subtract fractions that have different denominators?

Use models to subtract fractions with unlike denominators.

difference

Strategy • Model Concepts

1 Day LESSON 6.3

5.NF.A.2

Estimate Fraction Sums and Differences 363A

How can you make reasonable estimates of fraction sums and differences?

Make reasonable estimates of fraction sums and differences.

benchmark

Strategy • Model Language

your chapter resources



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Real World Video, Ch. 6

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Before the Chapter

During the Lesson

After the Chapter



Show What You Know

• Prerequisite Skills Activities

• Personal Math Trainer

Share and Show

Reteach

• Mid-Chapter Checkpoint

Personal Math Trainer

Reteach Activity (online)

Chapter Review/Test

Reteach

Personal Math Trainer

Reteach Activity (online)

Chapter Pacing Chart

	•		
Introduction	Instruction	Assessment	Total
1 day	14 days	2 days	17 days

1 Day LESSON 6.4

5.NF.A.1

Common Denominators and Equivalent Fractions........369A

How can you add and subtract mixed numbers with unlike denominators?

Find a common denominator or a least common denominator to write equivalent fractions.

common denominator, common multiples, equivalent fractions

Strategy • Rephrase

1 Day LESSON 6.5

5.NF.A.1

Add and Subtract

How can you use a common denominator to add and subtract fractions with unlike denominators?

Use equivalent fractions to add and subtract fractions.

simplest form

Strategy • Restate

1 Day **LESSON 6.6**

5.NF.A.1

Add and Subtract Mixed Numbers 383A

How can you add and subtract mixed numbers with unlike denominators?

Add and subtract mixed numbers with unlike denominators.

mixed number

Strategy • Model Language

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- 6.4 eTeacher Edition
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Math on the Spot Video



Assessment



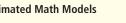
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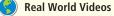


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Chapter At A Glance

Domain: Number and Operations—Fractions

2 Days LESSON 6.7

LESSON 6.8 5.NF.A.1

Lesson At A Glance

Subtraction with Renaming 389A

Essential Question

How can you use renaming to find the difference of two mixed numbers?

Objective

Rename to find the difference of two mixed numbers.

Vocabulary

ELL Strategy

Strategy • Scaffold Language

1 Day

5.NF.A.1

Algebra • Patterns with Fractions 395A

How can you use addition or subtraction to describe a pattern or create a sequence with fractions?

Identify, describe, and create numeric patterns with fractions.

benchmark

Strategy • Model Language

1 Day LESSON 6.9

5.NF.A.2

Problem Solving • Practice Addition and Subtraction401A

How can the strategy work backward help you solve a problem with fractions that involves addition and subtraction?

Solve problems using the strategy work backward.

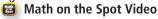
Strategy • Understand Context



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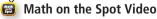


Animated Math Models

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Personal Math Trainer



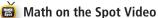
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Diagnostic

- Show What You Know
- Digital Personal Math Trainer

Formative

- Lesson Quick Check
- Mid-Chapter Checkpoint
- Digital Personal Math Trainer
 - Assessment Animation
 - Assessment Video

Summative

- Chapter Review/Test
- Chapter Test
- Performance Assessment Task
- Digital Personal Math Trainer

LESSON 6.10 5.NF.A.1 **Teacher Notes** Algebra • Use Properties of Addition 407A How can properties help you add fractions with unlike denominators? Add fractions and mixed numbers with unlike denominators using the properties. Strategy • Model Language 6.10 iStudent Edition 6.10 eTeacher Edition 🗞 Personal Math Trainer Math on the Spot Video **⋖** Chapter 6 Test i I i ToolsMM HMH Mega Math 6.10 Student Edition 6.10 Practice and Homework (in the Student Edition) 6.10 Reteach (in the *Chapter Resources*) 6.10 Enrich (in the Chapter Resources) **Grab-and-Go™ Centers Kit**

2 Days