

# Chapter At A Glance

Domain: Number and Operations in Base Ten



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

**Chapter Essential Question** How can you solve decimal multiplication problems?

## Lesson At A Glance

### Essential Question

### Objective

### Vocabulary

### ELL Strategy

1 Day

LESSON 4.1

5.NBT.A.2

Algebra • Multiplication Patterns with Decimals . . . . . 233A

How can patterns help you place the decimal point in a product?

Find patterns in products when multiplying by powers of 10.

decimal, hundredths, multiplication, ones, pattern, place value, product, tenths, thousandths

**ELL** Strategy • Identify Relationships

1 Day

LESSON 4.2

5.NBT.B.7

Investigate • Multiply Decimals and Whole Numbers . . . . . 239A

How can you use a model to multiply a whole number and a decimal?

Model multiplication of whole numbers and decimals.

**ELL** Strategy • Illustrate Understanding

1 Day

LESSON 4.3

5.NBT.B.7

Multiplication with Decimals and Whole Numbers . . . . . 245A

How can you use properties and place value to multiply a decimal and a whole number?

Multiply a decimal and a whole number using properties and place value.

**ELL** Strategy • Identify Relationships



Go online to access all your chapter resources



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### Before the Chapter



Show What You Know

- Prerequisite Skills Activities
- Personal Math Trainer

### During the Lesson



Share and Show

- Reteach
- Mid-Chapter Checkpoint
- Personal Math Trainer
- Reteach Activity (online)

### After the Chapter



Chapter Review/Test

- Reteach
- Personal Math Trainer
- Reteach Activity (online)



Response to Intervention

## Chapter Pacing Chart

Introduction	Instruction	Assessment	Total
1 day	12 days	2 days	15 days

2 Days

### LESSON 4.4

5.NBT.B.7

#### Multiply Using Expanded Form . . . . . 251A

How can you use expanded form and place value to multiply a decimal and a whole number?

Use expanded form and place value to multiply a decimal and a whole number.

expanded form

**ELL** Strategy • Understand Context

2 Days

### LESSON 4.5

5.NBT.B.7

#### Problem Solving • Multiply Money . . . . . 257A

How can the strategy *draw a diagram* help you solve a decimal multiplication problem?

Solve problems using the strategy *draw a diagram* to multiply money.

**ELL** Strategy • Identify Relationships

2 Days

### LESSON 4.6

5.NBT.B.7

#### Investigate • Decimal Multiplication . . . . . 265A

How can you use a model to multiply decimals?

Model multiplication of decimals.

**ELL** Strategy • Identify Relationships

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Resources [www.thinkcentral.com](http://www.thinkcentral.com)

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Personal Math Trainer

Math on the Spot Video

Animated Math Models

Assessment

HMH Mega Math

iTools

Multimedia eGlossary

Professional Development Videos

Real World Videos

# Chapter At A Glance

**Domain:** Number and Operations in Base Ten

1 Day
LESSON 4.7 ■ 5.NBT.B.7

## Lesson At A Glance

### Multiply Decimals. . .271A

**Essential Question**  
What strategies can you use to place a decimal point in a product?

**Objective**  
Place the decimal point in decimal multiplication.

**Vocabulary**

**ELL Strategy** ELL Strategy • Model Language

1 Day
LESSON 4.8 ■ 5.NBT.B.7

## Lesson At A Glance

### Zeros in the Product. . . . .277A

**Essential Question**  
How do you know you have the correct number of decimal places in your product?

**Objective**  
Multiply decimals with zeros in the product.

**Vocabulary**

**ELL Strategy** ELL Strategy • Model Language

### Teacher Notes

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- Math on the Spot Video
- Animated Math Models
- iTools
- HMH Mega Math

**4.8 iStudent Edition**

**4.8 eTeacher Edition**

- Personal Math Trainer
- Math on the Spot Video
- Real World Video, Ch. 4
- Chapter 4 Test
- Animated Math Models

## Print Resources

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Diagnostic	Formative	Summative
<ul style="list-style-type: none"> <li>• Show What You Know</li> <li>• Digital Personal Math Trainer</li> </ul>	<ul style="list-style-type: none"> <li>• Lesson Quick Check</li> <li>• Mid-Chapter Checkpoint</li> <li>• Digital Personal Math Trainer                             <ul style="list-style-type: none"> <li>- Assessment Animation</li> <li>- Assessment Video</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Chapter Review/Test</li> <li>• Chapter Test</li> <li>• Performance Assessment Task</li> <li>• Digital Personal Math Trainer</li> </ul>