Grade 2

AVAILABLE
IN SPANISH

Reveal
MATH®

Differentiation
Sampler

McGraw
Hill

Differentiation
Resource Book

Every lesson includes pages to Reinforce Understanding and Extend Thinking to support lesson differentiation. These are available to print digitally as well. Additional differentiation resources are available digitally and within the Workstation Kit.

Understand Hundreds

Name _____

Review

You can use base-ten blocks to help you understand hundreds.

= 30 tens

= 3 hundreds

100   100   100   =   300

30 tens is the same as 300.

Match the value with a set of base-ten blocks.

1. 400
2. 600
3. 200
4. 700

Understand Hundreds

Name _____

Mrs. Blake gives stickers to her helpers. A poster shows the stickers they have earned this year.

Mrs. Blakes' Helpers	
Name	Stickers
André	400
Javier	308
Rina	100
Tai	500
Malik	209

1. Mrs. Blake has a sticker book with 10 stickers on each page. How many pages of stickers does she need to use to give Rina stickers? Explain your thinking.

2. How many pages of stickers does Mrs. Blake need to use to give Malik stickers? Explain your thinking.

Unit 2
How Ready Am I?

Name _____

1. What number is the same as 10 ones?

   A. 00   B. 1
   C. 10   D. 100

2. What number is the same as 6 tens?

   A. 6   B. 16
   C. 60   D. 610

3. Which number is greater than 36?

   A. 30   B. 35
   C. 36   D. 37

4. Which of these is the same as 30?

   A. 1 + 1 + 1   B. 3 + 0
   C. 3 + 10   D. 10 + 20

5. What number is 10 more than 46?

   A. 56   B. 47
   C. 45   D. 36

Assessment

Close

Assess

Assignment Details

Number of questions: **13**
Points possible: **20.00**

Instructions
You are about to start your assessment.

1. Make sure you have a good Internet connection before starting the test.
2. Do not use your browser's forward or back buttons while taking the test.

Start Assignment

Assessment Resource Book

The Assessment Resource Book provides the following resources. Assessments can be completed in print or digitally.

COURSE ASSESSMENTS

Course Diagnostic assesses student's readiness for grade-level content as they enter a new school year.

Benchmark Assessments help monitor student progress towards grade-level expectations.

Summative Assessment evaluates student learning at the end of each grade level.

UNIT ASSESSMENTS

Unit Readiness Diagnostics assess each student's proficiency with pre-requisite skills to determine readiness for the unit content.

Unit Assessments measure multiple depths of knowledge to assess for various stages of understanding. Two forms of the assessment allow for flexibilty.

Performance Tasks assess students' understanding of big ideas and their ability to apply unit content to solve real-world problems. In addition, practice performance tasks are available as part of the unit review materials.

LESSON ASSESSMENTS

Exit Tickets assess student understanding of lesson content and drive differentiation.

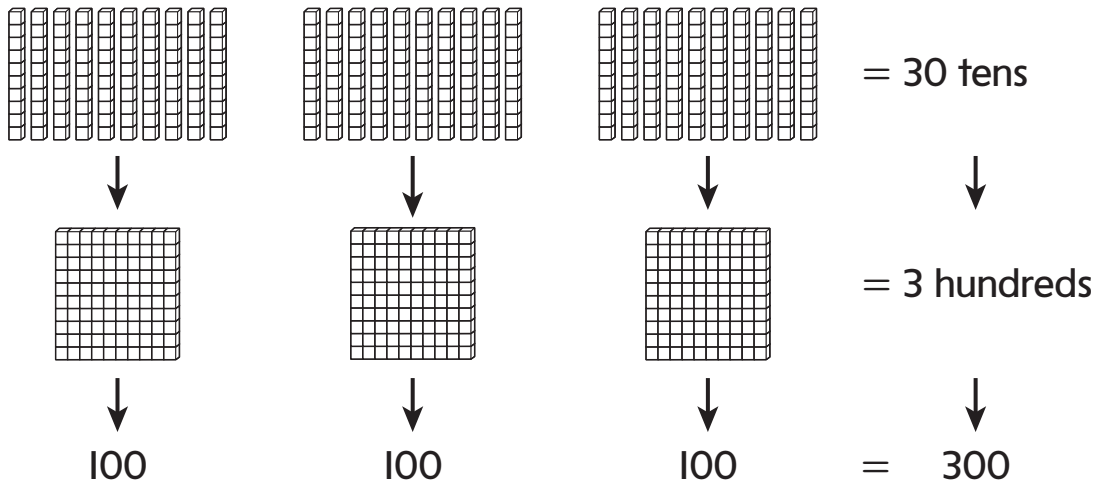# **Differentiation** Resource Book

Unit 2: Place Value to 1,000

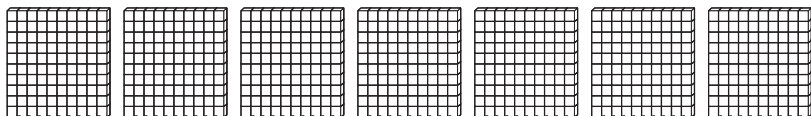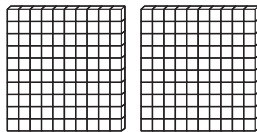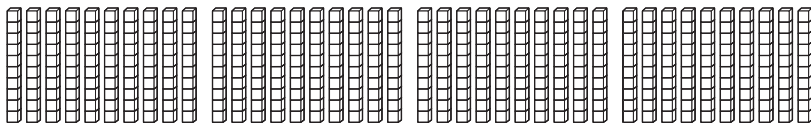- Reinforce Understanding
- Extend Thinking

Lesson 2-1 • Reinforce Understanding

Understand Hundreds

Name _____

Review

You can use base-ten blocks to help you understand hundreds.

= 30 tens

= 3 hundreds

100   100   100   =   300

30 tens is the same as 300.

Match the value with a set of base-ten blocks.

1. 400

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3. 200

4. 700

Differentiation Resource Book

1

Understand Hundreds

Name _____

Mrs. Blake gives stickers to her helpers. A poster shows the stickers they have earned this year.

Mrs. Blakes' Helpers	
Name	**Stickers**
André	400
Javier	308
Rina	100
Tai	500
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1. Mrs. Blake has a sticker book with 10 stickers on each page. How many pages of stickers does she need to use to give Rina stickers? Explain your thinking.

2. How many pages of stickers does Mrs. Blake need to use to give Malik stickers? Explain your thinking.

Understand 3-Digit Numbers

Name _____

Review

Base-ten blocks and place-value charts can help you describe 3-digit numbers.

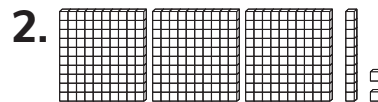| hundreds	tens	ones
2	4	3
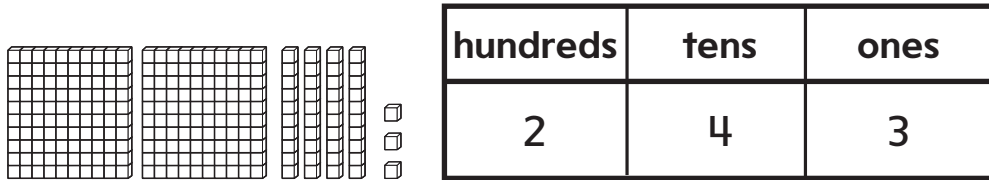
243

The number with 2 hundreds, 4 tens, and 3 ones is written as 243.
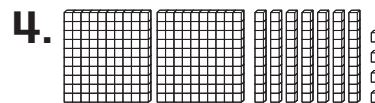
Write the number shown in two different ways.

1.

hundreds	tens	ones
____	____	____

_____

2.

hundreds	tens	ones
____	____	____

_____

3.

hundreds	tens	ones
____	____	____

_____

4.
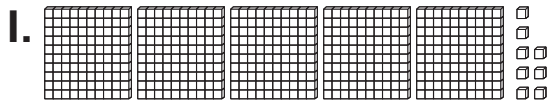
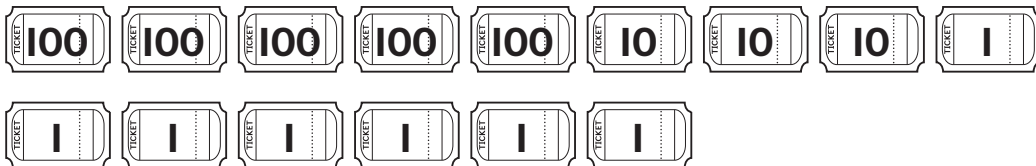| hundreds	tens	ones
____	____	____

_____

Understand 3-Digit Numbers

Name _____

1. Lena brings these $100, $10, and $1 bills to the fair.

She buys a ride ticket for $10 and a game ticket for $1. How much money does Lena have left?

$ _____

2. Lena wins these 100 point, 10 point, and 1 point prize tickets.

Lena needs two more 100 point tickets to get a stuffed flamingo. How many prize points does the stuffed flamingo cost?
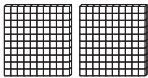
_____ points

Read and Write Numbers to 1,000

Name _____

Review

You can write numbers in 3 different ways.

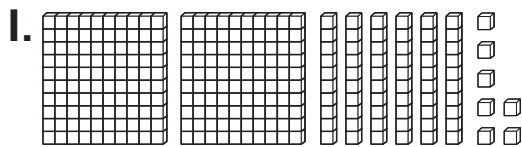| hundreds	tens	ones

Expanded form: 200 + 40 + 5

Standard form: 245

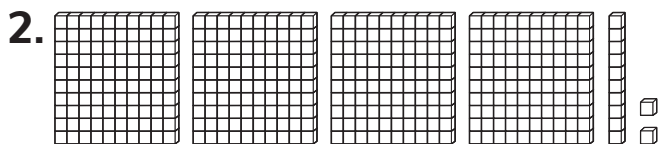Word form: two hundred forty-five

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Write the number shown in 3 different ways.

1.

Expanded form: _____ + _____ + _____

Standard form: _____

Word form: _____

2.

Expanded form: _____ + _____ + _____

Standard form: _____

Word form: _____

Read and Write Numbers to 1,000

Name ....

Razi, Kate, and Alana live in the same city. How can you use the clues to decide where each one lives?

713 Madison Pl.   287 Oak Dr.   574 Lee St.

1. Kate lives in a building with the number 7 in the tens place. Where does Kate live?

2. When Razi writes his building number in word form, part of what he writes is "thirteen." Where does Razi live?

3. Alana likes to tell people her building number is 200 + 80 + 7. Where does Alana live?

Decompose 3-Digit Numbers

Name _____

Review

You can decompose numbers by replacing a base-ten block with other base-ten blocks that have an equal value.

$$200 + 70 + 8 = 278$$

$$100 + 170 + 8 = 278$$
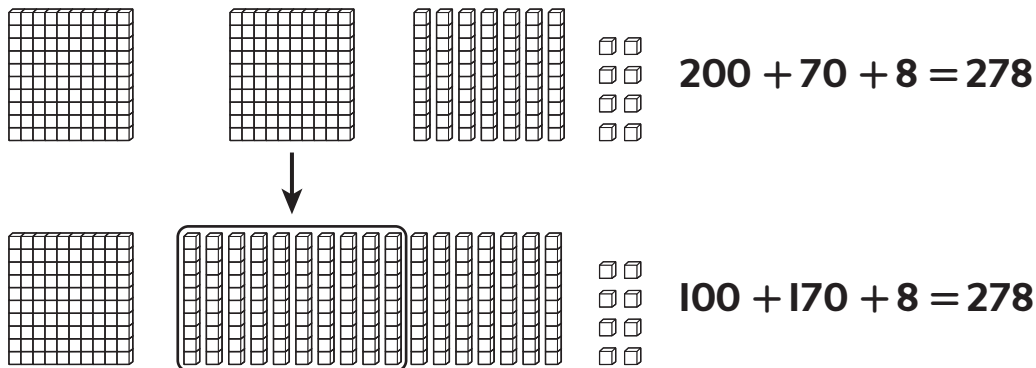
Decompose the number in two different ways.

1. 593

_____ + _____ + _____ = 593

_____ + _____ + _____ = 593

2. 362

_____ + _____ + _____ = 362

_____ + _____ + _____ = 362

3. 745

_____ + _____ + _____ = 745

_____ + _____ + _____ = 745

Decompose 3-Digit Numbers

Name _____

1. Dawn and Vlad are birdwatching at Lake Park. Dawn writes the birds she sees as 300 + 120 + 1. How many birds does Dawn see? Fill in the number of birds in the table.

Wildlife at Lake Park	
Birds	
Butterflies	108
Fish	279
Frogs	162

2. Vlad and Dawn see the same number of birds. Vlad writes the number of birds, too. It rains and erases his numbers. Now he has ___ + 10 + ___. What could be his missing numbers?

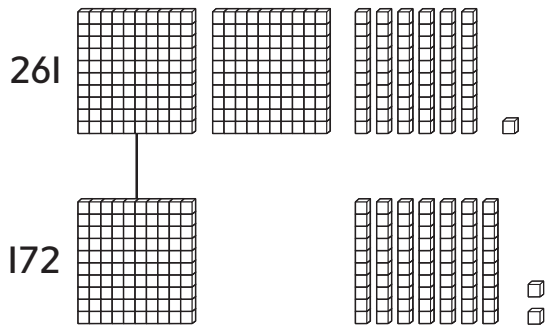**3.** The Lake Park ranger writes down the number of butterflies. He writes 10 + 8. How can he fix his mistake?

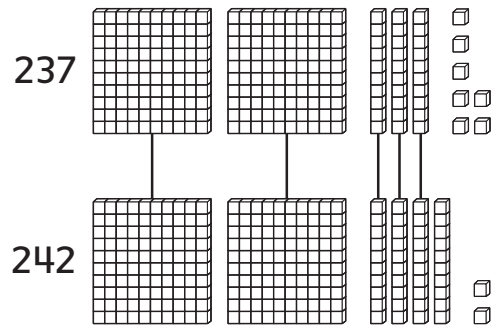# Compare 3-Digit Numbers

Name _____

Review

You can compare 3-digit numbers by looking at each place.

Start with hundreds. If the hundreds are the same, compare tens.
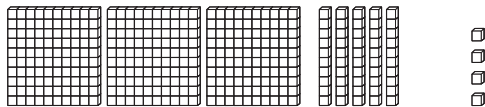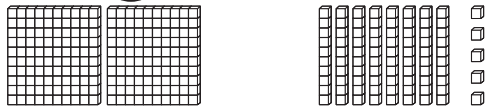
261

172

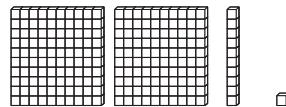**261 is greater than 172.**

261 > 172

237

242

237 is less than 242.

237 < 242

Compare the numbers. Fill in <, >, =.

1. 285 ◯ 354

2. 223 ◯ 211
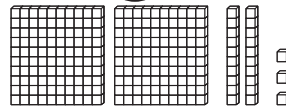
3. 572 ◯ 386

4. 915 ◯ 915

5. 474 ◯ 492

6. 528 ◯ 649

7. 823 ◯ 651

8. 339 ◯ 228

Compare 3-Digit Numbers

Name _____

Mr. An asks his students to bring in collections for show and tell. The table shows the number of objects each student brings.

Grade 2 Student Collections	
Juan	237 crayons
Amy	185 marbles
Nico	315 pennies
Max	179 postcards
Bianca	148 toy cars

I. The students show and tell in order of their number of objects. The person with the most goes last. Write the student names in the order they will show and tell.

Grade 2 Student Collections	
	148 toy cars
	179 postcards
	185 marbles
	237 crayons
	315 pennies