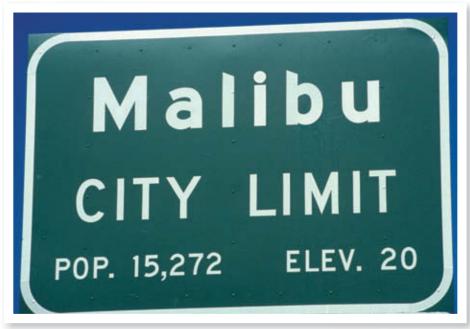




Find the Math

Numbers are all around us. Knowing numbers helps us understand and talk about the world.



- 1. Numbers give us useful information. How might this sign be useful?
- **2.** The abbreviation *POP.* stands for "population." This number tells how many people live in the area. How many people live in Malibu?
- **3.** There is another number on this sign. It comes after the population number. ELEV. stands for "elevation." It tells how many feet above sea level the city is. What is the elevation of Malibu?

Key Idea

3,000 + 100 + 70 + 9

3 thousands + 1 hundred + 7 tens + 9 ones

Thousands	Hundreds	Tens	Ones
3	1	7	9

This number in standard form is 3,179. The comma is placed between the thousands digit and the hundreds digit.

Try This

Write the place value of each digit. Then write each number in standard form.

1. 2,000 + 500 + 90 + 4

____ thousands + ____ hundreds + ____ tens + ___ ones = ____

2. 10,000 + 700 + 30 + 2

____ thousands + ____ hundreds + ____ tens + ___ ones = ____

Write the expanded form of each number.

3. 1,962

4. 6,128

Practice

Write each number in standard form.

5. 1,000 + 900 + 30 + 7 _____

6. 4,000 + 200 + 60 + 1 _____

7. 5,000 + 600 + 40 _____

8. 3,000 + 70 + 8 _____

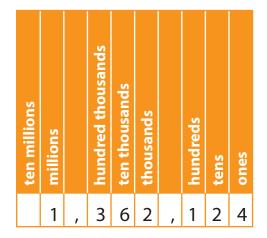
6 Level F Unit 1 Number Sense

Write the expanded form of each number.
9. 2,345
10. 4,756
11. 1,312
Write the place-value name of each underlined digit.Then write the value of each underlined digit.1,614 place value
13. 6,7 <u>1</u> 0 place value
14. <u>5</u> ,692 place value
15. 2,07 <u>8</u> place value
16. Model 1,340 with base-ten blocks. Write the value of each digit.
thousands hundreds tens ones
Use base-ten blocks to add 480 to 1,340. Write the value of each digit in the new number.
thousands hundreds tens ones
What is this number in standard form?
Reflect Write the expanded form and the standard form of a number that has seven thousands, three hundreds, eight tens, and nine ones.
Write what digit is in the thousands place, hundreds place, tens place, and ones place.

Key Idea

You can use a place-value chart to help write numbers in word form.

In standard form, this number is written as 1,362,124.



Here is the number written in word form: one million three hundred sixty-two thousand one hundred twenty-four.

Try This

Answer the questions based on the number 2,264,396.

- **1.** What number is in the tens place?
- 2. What number is in the millions place?
- **3.** What number is in the ten thousands place?
- **4.** What number is in the hundreds place?

Practice

Write each number in word form, and write each word form as a number.

- **5.** 3,846
- 6. sixty-nine thousand sixty-two
- **7.** 346,902
- 8. two million two thousand four hundred twenty-nine
- 9. fifteen million six hundred thirty-four thousand nine hundred twenty-nine
- **10.** 24,804,734

Reflect

Create your own number that is in the millions. Write the standard form in the place-value chart. Then write the word form on the line.

ten millions	millions		hundred thousands	ten thousands	thousands		hundreds	tens	ones
		,				,			

Key Idea

A number can be written in an expanded form.

The number 1,527 is shown below in the expanded form.

$$1,000 + 500 + 20 + 7$$

Each digit shows its value. All the values for the number are added together.

Try This

Write the missing number in expanded form.

1. 512

2. 2,395

3. 10,645

$$----+600 + 40 + 5$$

Practice

Wri	te the number in expanded form.
4.	4,612
5.	23,452
6.	5,109
7.	37,001
8.	3,980,032
9.	506.708

Reflect

10. 30,256,837

How does knowing place value help you write numbers in the expanded form?

Key Idea

Two numbers can be compared using place value.

Place the correct sign, >, <, or = in the circle.

437,358 452,299

Compare the hundred-thousands place. The digits are the same. Then compare the ten-thousands place: 5 ten thousands are greater than 3 ten thousands. So, 437,358 < 452,299.

Try This

Place the correct sign, >, <, or = in the circle.

- **1.** 37,009 9,573
- **2.** 8,529 8,528
- **3.** 108,427 108,427

Practice

Place the correct sign, >, <, or =, in the circle.

- **4.** 7,252 9,123
- **5.** 11,046 8,927
- **6.** 672,555 672,547
- **7.** 402,757 411,000

8.	98,757	200,234





Reflect

Rick says he can always tell the greater number. He says he looks at the first digit. Whichever digit is greater, that number is greater. Do you agree? Explain?

Lesson 5 Review

This week you renamed numbers into tens and ones, studied place value to a million, wrote numbers in expanded form, and compared which number was greater or lesser in value.

Lesson 1 Write each number in standard form.

1.
$$4000 + 600 + 10 + 8$$

2.
$$600 + 20 + 1$$

Write each number in the expanded form.

- **3.** 542
- **4.** 1,071

Lesson 2 Write each number in word form.

- **5.** 639,827
- **6.** 1,030,649
- **7.** 84,015,604

Lesson 3 Write each number in the expanded form. **8.** 409,111 **9.** 9,207,574 **10.** 33,003,208 **Lesson 4 Place** the correct sign, >, <, or = in the circle. **11.** 499,999 (499,000,000

- **12.** 891,289 (891,289
- **13.** 8,710,476 () 10,609,442

Reflect

Without repeating any digit, write the greatest number possible in the millions. Is there more than one right answer? Why or why not?

Project

Owning a Sports Team



1.	What sport did you choose?	

2. What city did you choose? ___

Use the list of cities below. The population or the number of people in the city is listed next to the state abbreviation.

Chicago, IL: 2,695,598 Los Angeles, CA: 3,792,621 San Jose, CA: 945,942

Dallas, TX: 1,187,816 New York, NY: 8,175,133 Houston, TX: 2,099,451 Philadelphia, PA: 1,526,006

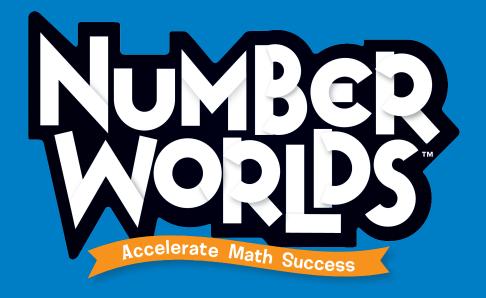
3. List each city in the chart in order by population. List the city with the most people first.

City	State	Population

Reflect

If a city had a population of 1,745,012, between which two cities in the table would it be listed?

If a city had a population of 578,231, where would it be in the table?



Student Workbook

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SOLVE complex math problems with digital math tools.

COLLABORATE with classmates in project-based learning.

