

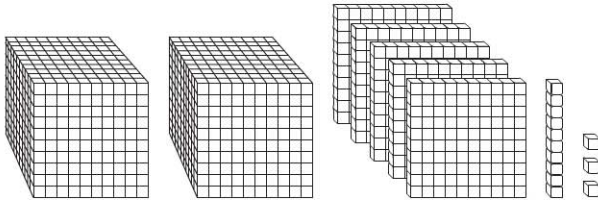
Name _____

Read and Write Numbers to Ten Thousands

Essential Question What are some ways you can read and write numbers?

UNLOCK the Problem REAL WORLD

The ABC Block Factory receives an order for blocks. The base-ten blocks show the number of blocks ordered.



- How many blocks were ordered?

Math Idea

The location of a digit in a number tells its value.

Each worker on the team checks the order by expressing the number in a different way. What way does each worker use?

Key Read and write numbers.

Word form is a way to write a number using words.

Sam gets the order and reads the number to Mary: two thousand, five hundred thirteen

Expanded form is a way to write a number by showing the value of each digit.

Mary uses the value of each digit to record the number of blocks that will be in each type of package:
 $2,000 + 500 + 10 + 3$

Standard form is a way to write a number using the digits 0 to 9, with each digit having a place value.

When the order is complete, Kyle writes the total number of blocks on the packing slip: 2,513

So, Sam says the number using _____

form, Mary uses _____ form,

and Kyle uses _____ form.

Math Talk

Explain how to find the value of the underlined digit in 7,521.

Share and Show



1. Write the number shown in expanded form.

TEN THOUSANDS	THOUSANDS	HUNDREDS	TENS	ONES
	7,	5	9	8

_____ + 500 + 90 + _____

Write the number in standard form.

2. $4,000 + 600 + 70 + 4$ _____

3. eight thousand, two hundred sixty-one _____

Write the value of the underlined digit two ways.

4. 6,920

5. 8,063

On Your Own

Write the number in standard form.

6. $5,000 + 600 + 90 + 7$ _____

7. two thousand, three hundred fifty-nine _____

8. one thousand, three hundred two _____

Write the value of the underlined digit two ways.

9. 6,818

10. 9,342

11. Rename 3,290 as hundreds and tens.

12. Rename 2,934 as tens and ones.

_____ hundreds _____ tens

_____ tens _____ ones

Problem Solving



13. The number of children who attended the fair on opening day is 351 more than the value of 4 thousands. How many children attended the fair on opening day?
