

## Dear Families,

Just when we think our students understand place value, they encounter it in a different way and we realize that they still need more practice in recognizing just how this concept works.

Place value is a key component of understanding our number system. The value of a numeral depends on where it is placed—that is, the order in which the numbers are written. This homework is more practice with place value. Your child will determine the “value” of numerals as they are moved to new places, to write the value in both numerals and words, and to recognize which numeral will change in a given situation. Here are a couple of examples:

In the number 987, the value of the 8 is 80 because it is in the *tens* place, meaning that it represents 8 tens. Your child should write both things: “In 987, the value of the 8 is **80** or **eighty**.”

What is 10 more than 987? In this question the only number that changes is the 8. It will become a 9 because one more *ten* was added. The numbers in the hundreds and ones place remain constant.

If your child cannot see what happens in the second set of problems on the student page, allow her or him to write the problem and add the appropriate amount each time. She or he should soon see a pattern developing and may begin to work the problems without having to write them down.

## Sample Problems

In 7802 the value of the 7 is 7,000 or seven thousands

We did this in class.

What numeral would change if we added 100 to 7802? \_\_\_\_\_ What would the new number be? \_\_\_\_\_

What numeral would change if we added 10 to 7802? \_\_\_\_\_ What would the new number be? \_\_\_\_\_

●●●●● Skill: Adding 10, 100, 1000 More ●●●●●

Let's work  
on this  
together.

**Directions:** Tell the value of each underlined numeral. Be sure to write your answer in both numbers and words.

**Example:** In 70 the value of the 7 is 70 or seven tens.

1. In 14 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
2. In 741 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
3. In 4731 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
4. In 452 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
5. In 25,475 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
6. In 85,743 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
7. In 514 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.
8. In 24,831 the value of the 4 is \_\_\_\_\_ or \_\_\_\_\_.

**Bonus:** Look at this number: 5743. What numeral would change if we added 10 to this number? \_\_\_\_\_ What would the new number be? \_\_\_\_\_  
Which numerals would stay the same? \_\_\_\_\_ Why would they be the same? \_\_\_\_\_ What is one hundred more than 5743? \_\_\_\_\_ What is three hundred less than 5743? \_\_\_\_\_ What is two thousand more than 5743? \_\_\_\_\_

We completed this assignment together.

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(Parent's signature)

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(Child's signature)