

Date: \_\_\_\_\_

## Chapter 2 Section A: Read and Write Place Values (2.A.1)

Objective:

Understand and explain the value of each digit by determining its position in that number up to 3-digit numbers.

When we are discussing place value we are discussing 3 main words:

**digit:** a number from 0 to 9

**place value:** the room, the place or position of a digit in a number

**value:** the amount each digit is worth

The place value is the "where"

The value is the "how much"

**Note:** The digit 0 is a **placeholder**; it holds a place but its value is **always** 0.

400                      8

Q1. What is 4 hundreds and 8 ones in **numbers**? Circle **one** answer.

48

408

480

804

Q2. Eunice used these number cards to form a **3-digit** number.

8	3	2
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a) If the digit in the hundreds place has a **value** of 200.

What could the number be? Write **two** possible answers.

\_\_\_\_\_

b) If the digit in the tens place has a value of 80 while the digit in the ones place has a value of 2.

What could the number be? \_\_\_\_\_

Q3. Fill in the blanks.

- a) In 795, the **digit** in the tens place is \_\_\_\_\_, while the **value** of the digit 7 is \_\_\_\_\_.
- b) In 216, the **value** of digit 2 is \_\_\_\_\_ while the **value** of digit 1 is \_\_\_\_\_.
- c) In 348, the **place value** of digit 3 is \_\_\_\_\_, but the **place value** of digit 8 is \_\_\_\_\_.
- d) In 200, the digit 2 is in the \_\_\_\_\_ **place**, the digit 0 is in the \_\_\_\_\_ **place value** and the \_\_\_\_\_ **place value**.
- e) In 901, the **value** of the digit 0 in the tens place is \_\_\_\_\_, while the **value** of \_\_\_\_\_ is 900.

Q4. Fill in the blanks.

	hundreds	tens	ones
	4	5	1
value	400	50	1

- The number is \_\_\_\_\_

$$451 = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

	hundreds	tens	ones
	_____	6	_____
value	800	_____	9

- The number is \_\_\_\_\_ and the digit \_\_\_\_\_ has the smallest value.

	hundreds	tens	ones
	3	_____	_____
value	_____	20	0

- The number is \_\_\_\_\_ and the digit \_\_\_\_\_ has the greatest value.

Remember:  
The digit 0 is a place holder.

Q5. Fill the table with the **missing words**.

	_____	_____	_____
_____	1	1	1
_____	100	10	1

Write the number in **numerals/figures**: \_\_\_\_\_

Write the number in **words**: \_\_\_\_\_

Q6. In the number 999,

the **digit** in the hundreds place value is \_\_\_\_\_ and its **value** is \_\_\_\_\_.

the **digit** in the tens place value is \_\_\_\_\_, and its **value** is \_\_\_\_\_.

the **digit** in the ones place value is \_\_\_\_\_, and its **value** is \_\_\_\_\_.

Q7. Look at the number.



Lucas says that the number has the **same value** as 70 tens.

Do you agree? Explain.

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Q8. I am a 3-digit number.

The digit in the ones place is **less than 1**.

The digits in the hundreds and tens places are the **same**.

They **make 8**.

What number am I? \_\_\_\_\_