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4.NBT.A.2 Write Multi-digit Whole Numbers

4.NBT.A.2: Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form.

1. Use the number 137,254,049 and answer the following questions:
   a. Write the digit at the hundred thousand place.
   b. Write the name of the period that has the digits 137.
   c. Write the value of digit 5.
   d. Write the number in word form.
   a. Write the number in expanded form.

Solution:
a.

b.

c.

d.

e.

2. Write each of the following numbers in two other forms:
   a. Seven million, three hundred one thousand, sixty-five
   b. 8,000,000 + 200,000 + 40,000 + 1,000 + 300 + 70 + 5
   c. Three hundred thousand, nine hundred seventy-one
   d. 25,937,416

Solution:
a.
b.
c.
d.

3. The table on your right provides the sales report by a bookstore in three consecutive years. Refer to the report and answer the following questions:
   a. Which digit has the highest **place value** in the number of books sold in 2019?
   a. Which year had the most number of sales? Identify the **value** of the second digit from its left.

Books sold in three consecutive years at the bookstore	
Year	Number of books sold
2017	10,873,246
2018	15,014,732
2019	10,685,294

Solution:
a.
b.

4.NBT.A.2 Write Multi-digit Whole Numbers

4.NBT.A.2: Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form.

4. Write the place value of underlined digit for each of the following number:
   a. 1<u>8</u>,347,238
   b. 3,19<u>7</u>,396
   c. <u>1</u>83,682,917
   d. <u>3</u>,912,104
   e. 81<u>3</u>,638

   Solution:
   a.
   b.
   c.
   d.
   e.

5. Which of these is the number five million, sixty four thousand, and twelve?
   a. 5,640,120   c. 5,604,112
   b. 5,064,012   d. 5,046,102

   Solution:

6. The distance from earth to the sun is approximately 92,955,807 miles. Write the number using word form and expanded form.

   Solution:

7. Find the sum and then write the answer in standard form.
   a. 5 thousands 2 hundreds and 9 ones + 3 thousands 4 hundreds and 6 ones
   b. 9 ten thousands 4 hundreds 5 tens and 3 ones + 1 thousand 7 hundreds and 2 ones

   Solution:
   a.
   b.

8. Which of these is the number 18,008,081?
   a. Eighteen million, eight thousand, eighty-one
   b. Eighty million, eight thousand, eighteen
   c. Eighty-one million, eight thousand, eighty-one
   d. Eighteen million, eight hundred thousand, eighty-one

   Solution:

9. Use place value and period names to write 9,326,028 in word form.

   Solution:

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1. Use the number 137,254,049 and answer the following questions:
   a. Write the digit at the hundred thousand place.
   b. Write the name of the period that has the digits 137.
   c. Write the value of digit 5.
   d. Write the number in word form.
   e. Write the number in expanded form.

Solution:
a. 2
b. Millions
c. 50,000
d. One hundred thirty-seven million, two hundred fifty-four thousand, forty-nine
e. 100,000,000 + 30,000,000 + 7,000,000 + 200,000 + 50,000 + 4,000 + 40 + 9

2. Write each of the following numbers in two other forms:
   a. Seven million, three hundred one thousand, sixty-five
   b. 8,000,000 + 200,000 + 40,000 + 1,000 + 300 + 70 + 5
   c. Three hundred thousand, nine hundred seventy-one
   d. 25,937,416

Solution:
a. 7,301,065; 7,000,000 + 300,000 + 1,000 + 60 + 5
b. 8,241,375; Eight million, two hundred forty-one thousand, three hundred seventy-five
c. 300,971; 300,000 + 900 + 70 + 1
d. Twenty-five million, nine hundred thirty-seven thousand, four hundred sixteen; 20,000,000 + 5,000,000 + 900,000 + 30,000 + 7,000 + 400 + 10 + 6

3. The table on your right provides the sales report by a bookstore in three consecutive years. Refer to the report and answer the following questions:
   b. Which digit has the highest **place value** in the number of books sold in 2019?
   c. Which year had the most number of sales? Identify the **value** of the second digit from its left.

Books sold in three consecutive years at the bookstore	
Year	Number of books sold
2017	10,873,246
2018	15,014,732
2019	10,685,294

Solution:
a. 1
b. 2018; 5,000,000

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4. Write the place value of underlined digit for each of the following number:
   a. 1<u>8</u>,347,238
   b. 3,19<u>7</u>,396
   c. <u>1</u>83,682,917
   d. <u>3</u>,912,104
   e. 81<u>3</u>,638

   Solution:
   a. 1,000,000 or millions
   b. 1,000 or thousands
   c. 100,000,000 or hundred millions
   d. 1,000,000 or millions
   e. 1,000 or thousands

5. Which of these is the number five million, sixty four thousand, and twelve?
   a. 5,640,120   c. 5,604,112
   b. 5,064,012   d. 5,046,102

   Solution: b

6. The distance from earth to the sun is approximately 92,955,807 miles. Write the number using word form and expanded form.

   Solution: Ninety-two million, nine hundred fifty-five thousand, eight hundred seven; 90,000,000 + 2,000,000 + 900,000 + 50,000 + 5,000 + 800 + 7

7. Find the sum and then write the answer in standard form.
   a. 5 thousands 2 hundreds and 9 ones + 3 thousands 4 hundreds and 6 ones
   b. 9 ten thousands 4 hundreds 5 tens and 3 ones + 1 thousand 7 hundreds and 2 ones

   Solution:
   a. 8,615
   b. 92,155

8. Which of these is the number 18,008,081?
   a. Eighteen million, eight thousand, eighty-one
   b. Eighty million, eight thousand, eighteen
   c. Eighty-one million, eight thousand, eighty-one
   d. Eighteen million, eight hundred thousand, eighty-one

   Solution: a

9. Use place value and period names to write 9,326,028 in word form.

   Solution:
   Nine million, three hundred twenty-six thousand, and twenty-eight