



## **Booklet 1**

### **Grade 3**



The objectives of this Booklet is to cover the following:

- 1) Read and write numbers up to 5 digits
- 2) Recognize the value and place value of each digit
- 3) Compose and decompose numbers (expanded form).
- 4) Order and compare numbers up to 5 digits

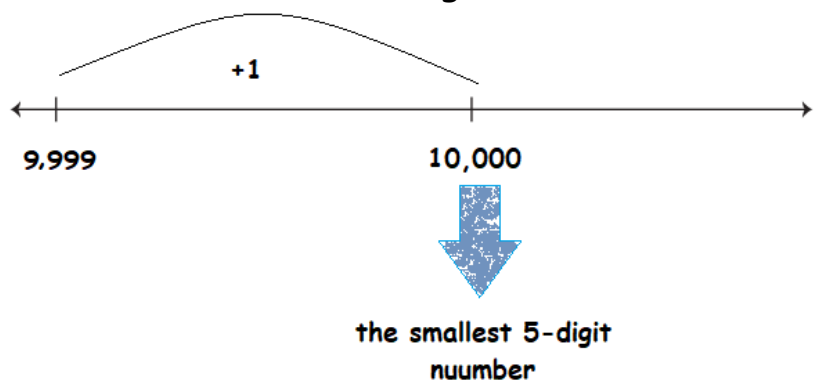
## What are 5-digits numbers?

5 digit numbers: are numbers that have 5 digits where the first digit from the left (the ten thousands place) must be 1 or greater.

### Smallest 5 Digit Number

The smallest 5-digit number is 10000 because :

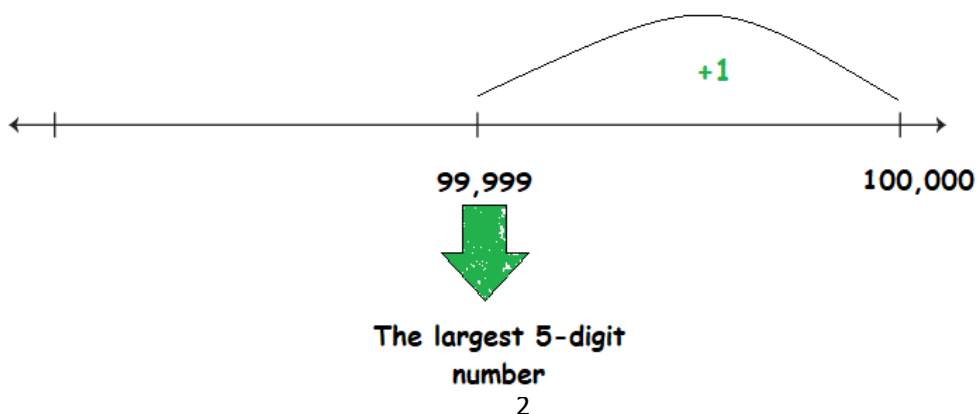
On the number line, 5-digit numbers start from 10,000 and 1 less than 10,000 is 9999 which becomes a 4-digit number.



### Greatest 5 Digit Number

The greatest 5-digit number is 99,999 because:

On the number line, 5 digit numbers end at 99,999 and 1 more than 99,999 is 100,000 which becomes a 6-digit number.



1. Write each number in the **standard form (figures)**:

a) Six thousand, nine hundred forty - eight = **6,948**

b) Eight thousand, five hundred thirty - one = **8,531**

c) Four thousand, one hundred sixteen = **4,116**

d) Thirty-one thousand, two hundred forty - five = **31,245**

e) Seventy thousand, two hundred and one = **70,201**

f) Eighteen thousand, and five = **18,005**

g) Twenty two thousand, four hundred = **22,400**

h) Forty - three thousand and twelve = **43,012**

2. Write each number in **words**

a) 8,352 **Eight thousand, three hundred fifty-two**

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b) 5,040 **Five thousand, forty**

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c) 8,010 **Eight thousand, ten**

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d) 90,000 **Ninety thousand**

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e) 22,367 **Twenty-two thousand, three hundred sixty-seven**

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f) 55,510 **Fifty-five thousand, five hundred ten**

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g) 90,010 **Ninety thousand and ten**

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3. Put the following numbers on the **place value chart**

6,523 , 73,819 , 80,488 , 68,103

| Thousands |       | Ones     |      |       |
|-----------|-------|----------|------|-------|
| Tens      | Units | Hundreds | Tens | Units |
|           | 6     | 5        | 2    | 3     |
| 7         | 3     | 8        | 1    | 9     |
| 8         | 0     | 4        | 8    | 8     |
| 6         | 8     | 1        | 0    | 3     |

4. Here is a place value chart. **Shade** it to represent the number **34,052**

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 10 000 | 20 000 | 30 000 | 40 000 | 50 000 | 60 000 |
| 1 000  | 2 000  | 3 000  | 4 000  | 5 000  | 6 000  |

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 100 | 200 | 300 | 400 | 500 | 600 |
| 10  | 20  | 30  | 40  | 50  | 60  |
| 1   | 2   | 3   | 4   | 5   | 6   |

5. a) Write the **value** of the digit **5** for each number:

|            |        |        |     |        |
|------------|--------|--------|-----|--------|
| Number     | 25,871 | 50,385 | 755 | 68,850 |
| Value of 5 | 5,000  | 50,000 | 5   | 50     |

b) Write the **place value** of the digit **6** for each number:

|                  |          |              |      |        |
|------------------|----------|--------------|------|--------|
| Number           | 26,871   | 60,385       | 756  | 68,860 |
| Place value of 6 | Thousand | Ten thousand | Ones | Tens   |

6. Write the **value** of the underlined digit:

a) 3678 \_\_\_\_ **3,000** \_\_\_\_

b) 13,564 \_\_\_\_ **500** \_\_\_\_

c) 54,997 \_\_\_\_ **50,000** \_\_\_\_

d) 70,238 \_\_\_\_ **30** \_\_\_\_

e) 80,152 \_\_\_\_ **2** \_\_\_\_

f) 61,455 \_\_\_\_ **50** \_\_\_\_

7. Decompose the following numbers ( write the **expanded form** )

a) 5434 = **5000 + 400 + 30 + 4**

b) 32,520 = **30000 + 2000 + 500 + 20**

c) 10,145 = **10000 + 100 + 40 + 5**

d) 76,908 = **70000 + 6000 + 900 + 8**

e) 42,720 = **40000 + 2000 + 700 + 20**

f) 82,923 = **80000 + 2000 + 900 + 20 + 3**

8. Write each number in the **standard form**:

a.  $3000 + 200 + 30 + 4 = \underline{\text{ } 3,234 \text{ } }$

b.  $70\,000 + 5000 + 100 + 20 + 7 = \underline{\hspace{1cm}} 75,127 \underline{\hspace{1cm}}$

c.  $5000 + 300 + 20 + 3 = \underline{\text{ } 5,323 \text{ } }$

d.  $40\,000 + 1000 + 400 + 60 + 2 = \underline{\hspace{1cm}} 41,462 \underline{\hspace{1cm}}$

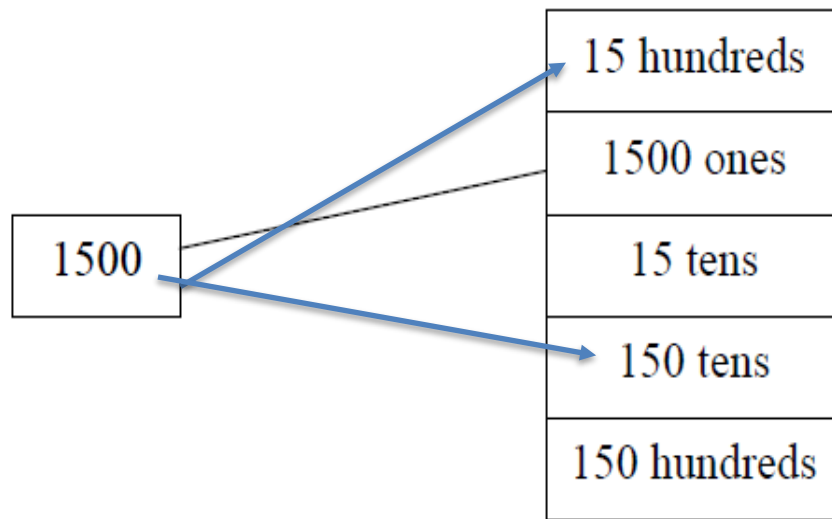
e.  $20\,000 + 5000 + 90 + 6 = \underline{\hspace{1cm}} 25,096 \underline{\hspace{1cm}}$

f.  $70\,000 + 800 + 30 + 4 = \underline{\hspace{1cm}} 70,834 \underline{\hspace{1cm}}$

9. Complete the **diagram**:



10. Draw two more lines to match 1500 to numbers with the same value:



11. Compare by writing ( > ) or ( < ) or ( = ) in each box

a) 8123 < 8224

b) 13,217 < 31,217

c) 56,565 < 65,656

d) 25 tens < 25 hundreds

12. Write these numbers in order , starting from the smallest

a) 12 589, 149, 13 456, 1215

149 , 1,215 , 12,589 , 13,456

smallest

largest

b) 25689 , 14 568, 20014 , 24530

14,568 , 20,014 , 24,530 , 25,689

smallest

largest

c) 10245, 10013, 10236, 11235

10,013 , 10,236 , 10,245 , 11,235

smallest

largest

13. Write these numbers in order , starting from the largest

a) 1249, 4570, 51408, 124

51,408 , 4,570 , 1,249 , 124

largest

smallest

b) 7894, 65012, 35468, 24577

65,012 , 35,468 , 24,577 , 7,894

largest

smallest

c) 10245, 10013, 10236, 11235

11,235 , 10,245 , 10,236 , 10,013

largest

smallest