

Class 4 Maths
Large Numbers/Number System

I. Answer the following:

1. The greatest possible 5 digit number formed using each of the digits 0-5 once. _____
2. The smallest possible 6-digit number formed by using odd digits and 0 only once. _____
3. Largest 6 digit number : _____
4. Smallest 6 digit number : _____
5. Difference between the smallest 6 digit number and the largest 2 digit number : _____
6. Predecessor of the smallest 6 digit number : _____
7. Round off the following to the nearest 100 and write the correct numeral in the space below: One lakh three hundred forty thousand five hundred sixty-four
Answer: _____
8. We put _____ to separate the periods of a number.
9. How many thousands are there in ten lakhs? _____
10. How many 3-digit numbers are there in all? _____
11. Write the place value of 6 in 2,61,905. _____
12. The short form of $5,00,000 + 2,000 + 70 + 3$ is _____

13. The largest 5-digit number is _____

14. 15,605 when rounded to nearest 1000 gives _____

15. Which is greater: 3,69,501 or 3,69,510? _____

16. One lakh = _____ ten thousands.

17. The successor of 99,999 is _____.

18. The smallest 4-digit number using 0,1,5,7 (only once) is

19. Round off:

a) 6,50,921 round off to nearest 1000

b) 7,77,260 round off to nearest 100

c) 56,899 round off to nearest 10

20. If the numbers 4,567 8,899 4,657 4,756 4,040 are arranged in the ascending order which number will be the first?

II. Given below is the leadership number of some famous newspapers.

	News Channel Name	Total Number of Subscribers	Number Name (In International System)
1.	CNN	590,000	_____
2.	News Nine	803,000	_____
3.	NDTV	830,000	_____
4.	BBC	631,000	_____
5.	Times Now	20,000	_____

1. Arrange the Channel in descending order of their subscribers number.

2. Round off the subscribers number of The BBC to nearest lakhs.

3. Give the place value of digit 8 in NDTV. _____

4. Write the expanded form for the readership number of Times Now.

5. Which news channel has the least number of subscribers?

III. The table shows the metro tickets sold from Monday to Friday. Read the table and answer the questions.

Day	Tickets Sold	Number Name (International System)
Monday	825,254	_____
Tuesday	340,011	_____
Wednesday	607,328	_____
Thursday	549,546	_____
Friday	930,739	_____

Questions:

1. Arrange the days in ascending order of tickets sold. _____
2. Round off the tickets sold on Wednesday to the nearest thousand
_____.
3. Give the place value of digit 4 in Tuesday's count. _____
4. Write the expanded form of Monday's count. _____
5. Which day has the least number of tickets sold? _____

Answers

Here are the **answers with simple solution steps** where needed.

1. The greatest possible 5 digit number formed using each of the digits 0–5 once

Digits available: **0,1,2,3,4,5**

To form the **largest 5-digit number**, choose the largest digits and arrange them in descending order.

Digits used: **5,4,3,2,1**

Answer: 54,321

2. The smallest possible 6-digit number formed by using odd digits and 0 only once

Odd digits: **1,3,5,7,9** and **0**

The smallest 6-digit number cannot start with **0**, so start with **1** and arrange the remaining digits in ascending order.

Number: **1 0 3 5 7 9**

Answer: 103,579

3. Largest 6 digit number

Answer: 999,999

4. Smallest 6 digit number

Answer: 100,000

5. Difference between smallest 6 digit number and largest 2 digit number

Smallest 6 digit number = **100,000**

Largest 2 digit number = **99**

$100,000 - 99 = 99,901$

Answer: 99,901

6. Predecessor of the smallest 6 digit number

$$100,000 - 1 = 99,999$$

Answer: 99,999

7. Round off to the nearest 100

Number name:

One lakh three hundred forty thousand five hundred sixty-four

$$\text{Number} = 1,40,564$$

Nearest 100:

Tens digit = 6 → round up

$$1,40,564 \rightarrow 1,40,600$$

Answer: 1,40,600

8. We put _____ to separate the periods of a number

Answer: commas

9. How many thousands are there in ten lakhs?

$$1 \text{ lakh} = 100,000$$

$$10 \text{ lakhs} = 10,00,000$$

$$10,00,000 \div 1,000 = 1000$$

Answer: 1000

10. How many 3-digit numbers are there?

$$\text{Smallest 3-digit number} = 100$$

$$\text{Largest 3-digit number} = 999$$

$$999 - 100 + 1 = 900$$

Answer: 900

11. Place value of 6 in 2,61,905

6 is in **ten-thousands** place

$$6 \times 10,000 = \mathbf{60,000}$$

Answer: 60,000

12. Short form

$$5,00,000 + 2,000 + 70 + 3$$

$$= \mathbf{5,02,073}$$

Answer: 5,02,073

13. Largest 5 digit number

Answer: 99,999

14. 15,605 rounded to nearest 1000

Hundreds digit = 6 → round up

$$15,605 \rightarrow \mathbf{16,000}$$

Answer: 16,000

15. Which is greater?

3,69,501

3,69,510

Compare tens place:

$$510 > 501$$

Answer: 3,69,510

16. One lakh = _____ ten thousands

1 lakh = **100,000**

$10,000 \times 10 = 100,000$

Answer: 10

17. Successor of 99,999

$99,999 + 1 = 1,00,000$

Answer: 1,00,000

18. Smallest 4 digit number using 0,1,5,7

Smallest digit cannot be **0**, so start with **1**.

Arrange remaining digits in ascending order.

1 0 5 7

Answer: 1057

19. Round off

a) 6,50,921 → nearest 1000

Hundreds digit = 9 → round up

Answer: 6,51,000

b) 7,77,260 → nearest 100

Tens digit = 6 → round up

Answer: 7,77,300

c) 56,899 → nearest 10

Ones digit = 9 → round up

Answer: 56,900

20. Arrange in ascending order

Numbers:

4,567

8,899

4,657

4,756

4,040

Ascending order:

4,040

4,567

4,657

4,756

8,899

Answer: 4,040

II. Newspaper Subscribers

Number Names (International System)

1. **590,000**
= Five hundred ninety thousand
2. **803,000**
= Eight hundred three thousand
3. **830,000**
= Eight hundred thirty thousand
4. **631,000**
= Six hundred thirty-one thousand
5. **20,000**
= Twenty thousand

1. Descending order of subscribers

830,000

803,000

631,000

590,000

20,000

Answer:

NDTV, News Nine, BBC, CNN, Times Now

2. Round off BBC to nearest lakhs

631,000 \approx **600,000**

Answer: 6,00,000

3. Place value of 8 in NDTV (830,000)

8 is in **hundred-thousands** place

$8 \times 100,000 =$ **800,000**

Answer: 800,000

4. Expanded form of Times Now (20,000)

$20,000 = 2 \times 10,000$

Answer: 20,000

(or $2 \times 10,000 + 0 \times 1000 + 0 \times 100 + 0 \times 10 + 0 \times 1$)

5. Channel with least subscribers

Smallest number = **20,000**

Answer: Times Now

III. Metro Tickets

Number Names

Monday:

825,254 \rightarrow **Eight hundred twenty-five thousand two hundred fifty-four**

Tuesday:

340,011 → **Three hundred forty thousand eleven**

Wednesday:

607,328 → **Six hundred seven thousand three hundred twenty-eight**

Thursday:

549,546 → **Five hundred forty-nine thousand five hundred forty-six**

Friday:

930,739 → **Nine hundred thirty thousand seven hundred thirty-nine**

1. Ascending order of tickets sold

340,011 (Tuesday)

549,546 (Thursday)

607,328 (Wednesday)

825,254 (Monday)

930,739 (Friday)

Answer:

Tuesday, Thursday, Wednesday, Monday, Friday

2. Wednesday rounded to nearest thousand

607,328 → **607,000**

Answer: 607,000

3. Place value of 4 in Tuesday (340,011)

4 is in **ten thousands** place

Answer: 40,000

4. Expanded form of Monday

825,254

= 800,000

- 20,000
- 5,000
- 200
- 50
- 4

Answer:

$$800,000 + 20,000 + 5,000 + 200 + 50 + 4$$

5. Day with least tickets sold

Smallest number = **340,011**

Answer: Tuesday

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