



SARALA BIRLA PUBLIC SCHOOL

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Assignment 2 (2020-21)

Chapter -2 (Large Numbers)

Class: IV

Subject: Mathematics

Let's proceed to next topic:

- Forming greatest and smallest numbers.

To form the greatest number (without repeating the digits) with a given set of digits, arrange the digits in decreasing order.

Example 1 : Form the greatest number using the digits 2,6,7,1 and 5.

Sol: The given digits in decreasing order are 7 6 5 2 1

Therefore, the greatest number using the given digits = 76,521

Example 2 : Form the greatest 6 - digit number using the digits 6 , 4 and 9 using each digit at least once.

Sol: The given digits in decreasing order are 9 6 4

To get the greatest 6 digit number, repeat the greatest of the given digits at the remaining places on the extreme left.

i.e 9 9 9 9 6 4

Therefore, the greatest number formed using the given digits is 9,99,964

- Forming the smallest number.

To form the smallest number, write the digits in increasing order.

(Refer to page 101 of Crystal Curated semester 1 book for examples)

- Rounding off:
- Rounding off to the nearest ten:

Method 1

Method 2

- Find out between which two tens the number lies.
- Round off to the nearest ten.
- If the number is at the Midway, then it is rounded up to the next larger number.

- * If the digit at the ones place is = or >5 the number is rounded up.
- * If the digit at the ones place is < 5, the number is rounded down.

Example : Round off 794 to the nearest ten.

Sol: Since the digit at ones place i.e 4 <5 does the number is rounded down.

Therefore, 794 is rounded off to 790.

- Rounding off to nearest hundred:

(Refer to page 103 for the method 1 and 2)

Example : Round off 620 to the nearest hundred.

Sol: Since the digit at tens place i.e $2 < 5$, the number is rounded down.
Therefore, 620 is rounded off to 600.

- Round off to the nearest thousand.
(Refer to page 103 for the method 1 and 2)

Example : Round off 7680 to the nearest thousand.

Sol : Since the digit at hundreds place i.e $6 > 5$, the number is rounded up.
Therefore, 7680 is rounded off to 8000.

Exercise 2.4

Q1. Choose any 3 digits and form the greatest.

- 5- digit number = 99987
- 7- digit number =

Q2. Write the greatest and the smallest numbers that can be formed with the given digits.
Use each digit only once.

	Smallest number	Greatest number
a) 6,2,8,1,5	_____	_____
b) 4,9,7,6,2	_____	_____
c) 1,0,3,7,5	_____	_____

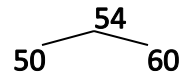
Q3. Write the greatest and the smallest 6-digit numbers using the given digits. You may repeat the digits. Use each digit at least once.

	Smallest number	Greatest number
a) 3,7,1	1,11,137	7,77,731
b) 5,0,6	_____	_____
c) 0,8,4	_____	_____

Exercise 2.5

Q1. Round off the following numbers to the nearest ten.

- 54 = 50



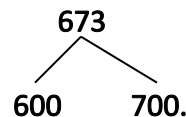
Since the digit at ones place i.e $4 < 5$,
the number is rounded down.

∴ 54 is rounded off to 50

- 12,961 –
- 67,115 –

Q2. Round off the following numbers to the nearest hundred.

- 673 = 700



Since the digit at tens place is greater than 5
the number is rounded up.

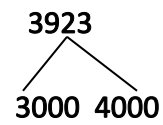
∴ 673 is rounded off to 700

b) 4,721 –

c) 24,182 –

Q3. Round off the following numbers to the nearest thousand.

a) 3,923 = 4000



Since the digit at hundreds place i.e. 9 > 5 ,
the number is rounded up .

∴ 3923 is rounded off to 4000

b) 52,198 –

c) 59,566 –