



**STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING**  
TELANGANA, HYDERABAD.

**ACADEMIC YEAR 2020-21**

**Class:** 5

**Medium:** English

**Subject:** Mathematics

**Name of the chapter:** Bigger Numbers

**Topic/ concept:** Numbers

WORK SHEET

**I. Learning outcomes:**

- Numbers can be written in the form of expansion based on the place values.
- Able to form the numerals by using the digits.
- Able to read and write the largest numbers.
- Able to compare numbers using scenarios.

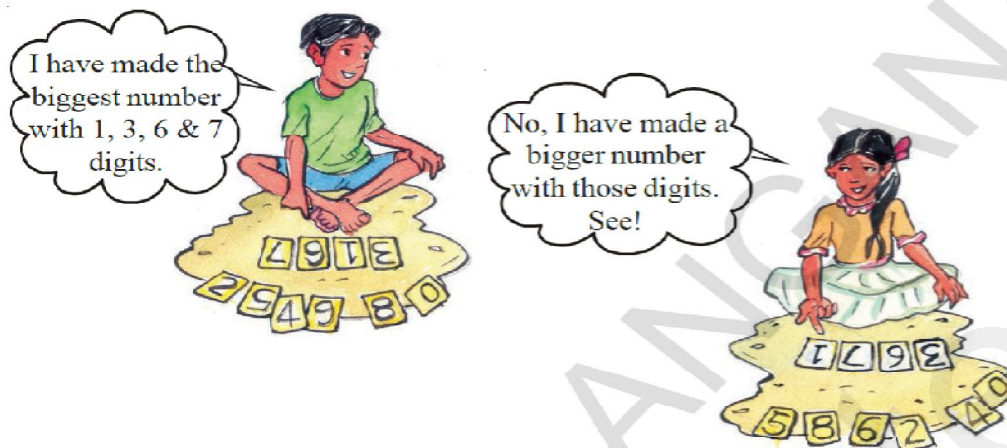
**II. Conceptual understanding/Activity/Model Problem:**

- Have you learned to count the numbers up to the place?
- How many digits are all of the numbers that have hundreds place? Give any two examples?
- In which place do the four-digit numbers begin?

**Note:** You have learned all the above up to the fourth class, Know again..... have you been well aware on these concepts Whether or not.

For this, do the activities and problems on pages 1 to 4 of the 5<sup>th</sup> class mathematics textbook.

1. See the picture below.



You have seen the picture above. Who has formed the largest number?

How can you say?

The numbers made by Chandu and Sindhu = 3167, 3671.

Which of these two numbers is the largest? (3671 Large)

Because the value of digits in the thousands is equal in two numbers and there are 1 hundred in the 3167 and 6 hundreds are there in the 3671. Therefore the value of 3671 is big.

**Note:** For more understanding of this, see the work on comparing the large numbers in page number 5 of your math textbook and solve.

1. How many four digit numbers can you form with the digits 1, 3, 6 and 7?

Try it.

By the numbers 1, 3, 6 and 7 approximately 24 four digit numbers can be made.

1367,	1376,	1673,	1763,	1736,	1763,
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

(Write all the remaining numbers yourself)

Largest number from the above \_\_\_\_\_. Smallest number from the above \_\_\_\_\_.

**2. Write 3671 in the form of expansion.**

Write 3671 according to the place values

$$3671 = (3 \text{ X thousand}) + (6 \text{ X hundred}) + (7 \text{ X tens}) + (1 \text{ X one})$$

$$3671 = 3 \text{ thousand} + 6 \text{ hundred} + 7 \text{ tens} + 1 \text{ one}$$

$$3671 = 3000 + 600 + 70 + 1$$

**III. Worksheet:**

**1. Prepare all the four digit number using 2, 5, 8 and 9.**

5892, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

8925, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

9258, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2589, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**2. Prepare all the four digit number using 5, 6, 0 and 7.**

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**3. Prepare all the four digit number using 4, 0, 2 and 8.**

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

4. Write the following numbers in the form of expansion.

A.  $5720 = 5000 + 700 + 20$

B.  $9069 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$ .

C.  $4204 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$ .

D.  $6566 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$ .

E.  $2468 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$ .

F.  $4618 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$ .

5. Write the following numbers in the form of Reduce/Short.

1.  $2000 + 500 + 20 + 9 = \underline{2529}$

2.  $6000 + 70 + 4 = \underline{\hspace{2cm}}$ .

3.  $5000 + 900 + 90 + 9 = \underline{\hspace{2cm}}$ .

4.  $7000 + 200 + 30 + 6 = \underline{\hspace{2cm}}$ .

5.  $9000 + 400 + 2 = \underline{\hspace{2cm}}$ .

6.  $1000 + 500 + 20 = \underline{\hspace{2cm}}$ .

6. Write the four-digit smallest and largest numbers in the following table by using the digits given below.

Digits	Smallest	Largest
6, 0, 2, 4	6420	2046
7, 0, 0, 8		
3, 2, 1, 5		
8, 9, 7, 4		
5, 0, 9, 6		
2, 5, 4, 7		

**7. Encircle to the largest number of the following.**

- a. 7246, 6354, 2569, 9582.
- b. 6062, 7262, 5362, 7462.
- c. 2300, 2600, 2800, 2400.
- d. 9824, 9879, 9854, 9836.
- e. 5068, 680, 2372, 899.
- f. 6108, 1089, 3165, 9091.
- g. 5816, 2608, 1322, 4190.

**8. Encircle to the smallest number of the following.**

- A. 4326, 2554, 3466, 8274.
- B. 7499, 7284, 7072, 7536.
- C. 6289, 5476, 3529, 8674.
- D. 9769, 7289, 4739, 6449.
- E. 2500, 3500, 4500, 1500.

**Instructions:**

- For more practice solve the problems in page numbers 6 and 7 of the 5th Class Mathematics textbook.
- Prepare some more problems and discuss with your friends.

**IV. What I have learnt:**

**1. I can write the numbers in the expansion form using place values.**

I can do

I Can't do

**2. I can form the numbers using the digits.**

I can do

I Can't do

**3. I can read and write the largest numbers.**

I can do

I Can't do

**4. I can compare the numbers using scenarios.**

I can do

I Can't do