

Class - III

Subject - Mathematics

SUMMER ASSIGNMENT

General Instructions:-

- Answer all the questions as instructed.
- Write in clean and neat hand writing.
- Draw the diagram where ever necessary.
- Refer cam scan pages of the text book.

Chapter 01







PLACE VALUE AND FACE VALUE OF NUMERALS

Numbers are made up of digits. You have already learnt in the earlier classes that the place value of a digit depends on its position in the number, but the face value of a digit remains unchanged.

Face value of 6 is	5 6.	Face	value of 3	5 is 3.	1. 1 Det
5 6 7	>		(134		
Place value of 6 is	. 60. 4	Place :	value of 3	is 300.	
Look at the following	:				
HRIO				This mean	
8				7 hundreds	5 tens
				15	,9
888					
3756					1
The 3 in the thousands place	means 3 tho	usands	or	3000	e de cher
The 7 in the thousands place	e means 7 hur	ndreds	or	700	
The 5 in the tens place mean	ns 5 tens		or	50	
The 6 in the ones place mea	ins 6 ones		00	6	
The area of the management of the state of t					
Thus, the 'face value' of an	y particular o on in the giv	digit in a give en numeral	n numeral It is, the	3756 is the value efore, alway	of the dig to the same
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Thus, the 'face value' of an elf irrespective of its position The 'place value' of any p art and changes with the Example 1 Find the place a 3896 Solution The Base 3 8 9 6	by particular of position of t position of t b S028 6 90 800 3000	digit in a give en numeral. it depends up he digit. te digits in th c The place vi The place vi The place vi The place vi The place vi	n numeral it is, the pon its po ne number 7777 alue of 6 is alue of 6 is alue of 8 is alue of 8 is alue of 3 is	3756 is the value refore, alway sition in the sition in the s s s s s s s s s s s s s s s s s s s	of the dig is the same place wate water is a is a is solution is a is a is a is a is a is a is a is a

Work out the following.

- 7 The difference of the place values of two 8s in 3688.
- 18 The product of the place value of 3 in 7830 by its face value.
- The quotient when the place value of 6 in 5986 is divided by its face value.
- The product of the place value of 5 in 1253 by the face value of 9 in 9078.

COMPARING NUMBERS

Comparing numbers having different number of digits

Rule A number containing more number of digits is bigger (greater or larger) than the number having lesser number of digits.

Example 2 Which is greater, 135 or 78 ? 5386 or 982 ?

Solution If you write these numbers on the number line, the number 78 will come before 135. Since 78 is to the left of 135, therefore, 78 < 135 or 135 > 78. Similarly, 982 is to the left of 5386. Therefore, 982 < 5386 or 5386 > 982.

Do you notice that 78 is a 2-digit number while 135 is a 3-digit number. Hence 135 > 78.

982

Again, 982 is a 3-digit number while 5386 is a 4-digit number. Hence 5386 > 982.

Comparing numbers with the same number of digits

135

Rule

78

To Compare two 4-digits numbers, first compare the digits in thousands place. If they are equal, compare the digits in the hundreds place. If they are also equal, compare the digits in the hundreds place. If they are also equal, compare the digits in the ones place.





5386



Step 2 Starting at the left, compare digits at the thousands place. You would notice

9 > 8 > 7 > 6.

There are 2 numbers with digit 7 at the thousands place.

Step 3 Compare the hundreds digit of these two numbers. You would notice that out of these two numbers

7 8 1 6 7 9 2 4

The digit 9 > 8. Therefore, 7924 > 7816

Step 4 Number 327 > 19 as there are more digits in 327 than in 19.

Thus, 9032 > 8936 > 7924 > 7816 > 6015 > 327 > 19.

If arranged in ascending order the numbers would be written in the reverse order as

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19 < 327 < 6015 < 7816 < 7924 < 8936 < 9032. Therefore, the numbers in ascending order are

 19, 327, 6015, 7816, 7924, 8936, 9032
 Ans.

 Note
 In descending order the numbers would be arranged as under 9032, 8936, 7924, 7816, 6015, 327, 19

With some practice it should be possible for you to write a given set of numbers in ascending or descending order without making a place value chart.





ascending order.

WERE DUNC DURCES WHEN ?

descending order.



A). Multiple Choice Question

01. Which number shows seventy thousand seventy-seven.						
A) 7077	b) 7770	(c) 7007	d) 7777		
02. The number ends with 6,4,2,8,0 is called Numbers.						
A) even	b) odd	c) prir	ne d) n	one of these		
03. When we add '1' to a nu	mber the sum is o	called the	•••••			
A) predecessor b)	successor c) e	ven number	d) n	one of the above		
04. Which order means arranging numbers from biggest to smallest.						
A) ascending order b) descending order c) before number d) even number						
05. The numbers end with 1,3,5,7,9 are called						
A) even	b) odd	c) after		d) none of these		
o6. Which order means arranging numbers from smallest to biggest.						
A) descending order b) ascending order c) prime number d) none of these						
07. Place value of the digit '8' in 809 is						
A) 8	b) 80	(c) 800	d)o		
8. Odd number just after 133						
A) 135	b)436	(c)540	d)780		
9. Face value of the digit 9 in 639 is						
A)6	b)3	c)9	d) n	one of these		
10. Even number just before 175						
A)174	b)176		()177	d) none of these		

C). High Order Thinking Skill Questions

- 1) Find the sum of largest 6-digit number and smallest 6-digit number.
- 2) Find the difference of largest 5-digit number and smallest 5-digit number.
- 3) By how much is 3756 less than 5433.
- 4) By how much 87,96,583 more 10,00,089.

D). Definition Based Questions

- 1) Define Successor.
- 2) Define Predecessor.
- 3) Define Expanded Form.
- 4) Define Place Value.
- 5) Define Face Value.

CHAPTER-02	
ADDITION	VOCABULARY • Corry • Order Property • Grouping Property
LOOKING BACK	· Zero Property
Method 1. Add the ones. 2. Add the tens. 3. Add the hundreds. Carry necess	ary
Example 1 In a cricket match between while the rest of the Indian team Indian team score ? Solution You need to add 116 and 243.	India and Pakistan, Sachin made 116 runs made only 243 runs. How many runs did the Table Form
	Hundreds Trass Ones 1 1 6 116 + 2 4 3 + 243 3 5 9 359
hundreds tens ones	359 runs in all.
Add :	
+409 +302	- 446 - 294
It is the backet in a second s second second se	





Checking Addition

It is always a good practice to check your answer. Regular practice becomes a habit and you would rarely make a mistake. Let us learn to check answer with the help of the following example.



A) Multiple Choice Question

1.	Find	the missing	number 3210–10	002=+321	0
	(a)	3210	(b) 1002	(c) 3120	(d) None of these
2.	Find (a)	the sum 32 1060	6 + 734 (b) 1610	(c) 1660	(d) None of these
3.	Add (a)	635+720 1355	(b) 1535	(c) 1533	(d) None of these
4.	One] (a)	hundred mo 446	ore than 546 is (b) 546	(c) 646	(d) None of these
5.	The r	next number	r in the series 105	, 109, 115, 120, 12	5 is

(a) 245 (b) 210 (c) 130 (d) None of these

B) Solve the following-

- (i) Add 457 +238
- (ii) Arrange in column and add 736 + 205
- (iii) Find the sum of
 - 635 432
 - +162
- (iv) 176+258+320 =
- (v) Add H T O
 - 478
 - +310

(vi) Addition without carrying –

Add 3421 and 5263

- (vii) Addition with carrying Add 3468 and 5897
- (viii) What is the sum of 4373, 6321 and 1265?
- (ix) Find the number which is 1240 more than 3267?
- (x) The school library has 284 science books and 268 social science books. Find the total number of books.

C) Word Problems –

- (i) In a football match, the attendance on Saturday was 4397 on Sunday the attendance was 3958 in all, how many people watched this match on these two days?
- (ii) Ravindra drove 2375 kilometers in September he drove 5632 kilometers in October. How many kilometers did he drive in all?
- (iii) There are 2783 male member and 5398 females in a Labour union. How many members are there altogether in the union?
- (iv) There are three primary schools in a city there are 1000, 1550 and 1490 pupils in these schools. How many pupils are there in all?
- (v) A poultry farm produces 1236, 2378, 1400 and 995 eggs in four days. How many eggs altogether are produced in these four days?

D) High Order Thinking Skill Questions –

- 1. What is the standard form of 7000+500+20+5?
 - a) 7525
 - b) 7025
 - c) 7500
 - d) 7505
- 2. Find the missing number in $8 \times 9 =$ _____+9+9.
 - a) 54
 - b) 43
 - c) 45
 - d) None of these
- 3. If Rizwan sells 479 eggs in one day. How many eggs will he sell in one week?
 - a) 2566
 - b) 3353
 - c) 479
 - d) None of these
- 4. The product of a number and 6 is 240. Find the number.
- 5. A class collects seven hundred fourteen boxes. Which of the following represents it?
 - a) 704
 - b) 714
 - c) 741
 - d) 700