

Note: Complete the work in fair copy and the questions that are marked in red color do it yourself.

Place Value and Face Value

Place Value: - The place value of each digit in a number depends upon its place in the number.

*The place value of zero is always zero.

*The place value of a digit increases ten times with each place to the left.

Face Value: - The face value of a digit is digit itself. It does not matter where the digit is placed in the number.

Exercise 1.2

1. Write the place values of the underlined digits.

I. 1309 9

II. 2618 600

III. 2711 700

IV. 3947 3000

V. **7185** _____

VI. **4564** _____

2. Write the face values of the underlined digits.

I. 3752 7

II. 7964 7

III. 1864 1

IV. 9489 9

V. **5108** _____

VI. **8916** _____

3. Write in expanded form.

I. 4718 = 4000+700+10+8

II. 5002 = 5000+2

III. $3456 = 3000+400+50+6$

IV. $8214 = 8000+200+10+4$

V. $7093 =$

VI. $9999 =$

4. Write in short form.

I. $3000+60 = 3060$

II. $7000+70+8 = 7078$

III. $6000+900+70 = 6970$

IV. $9000+100+90+1 = 9191$

V. $5000+200+30+4 =$

VI. $2000+400+50+7 =$

Exercise 1.3

1. Compare each pair of numbers. Put $>$ or $<$ in the _____.

I. $113 \underline{<} 1120.$

II. $2618 \underline{>} 8.$

III. $8592 \underline{<} 9582.$

IV. $2716 \underline{>} 2713.$

V. $5401 \underline{\quad\quad} 6400.$

VI. $9003 \underline{\quad\quad} 9008.$

2. Underline the smallest number in each group.

I. 3205 4289 3256 3010

II. 1080 1800 1008 8001

III. 9129 9291 1299 9921

IV. 9345 9543 9435 9354

V. 4371 1001 2652 999

VI. 6812 8216 3158 1385

3. Underline the largest number in each group.

I. 651 2162 6215 1265

II. 5882 3678 8249 8924

III. 9911 9991 1119 9191

IV.	<u>3942</u>	911	498	2990
V.	6160	6061	6610	6110
VI.	999	4001	1004	14

4. Rewrite the numbers in ascending order.

I. 1375, 375, 3175, 7153
 \Rightarrow 375, 1375, 3175, 7153.

II. 4586, 5586, 2586, 5658.
 \Rightarrow 2586, 4586, 5586, 5658

III. 1959, 1529, 1259, 1925.
 \Rightarrow 1259, 1529, 1925, 1959

IV. 2236, 2706, 2716, 2268
 \Rightarrow

V. 9191, 2929, 9993, 9292
 \Rightarrow

5. Rewrite the numbers in descending order.

I. 3450, 345, 5430, 4350
 \Rightarrow 5430, 4350, 3450, 345

II. 1265, 7625, 2675, 6175
 \Rightarrow 7625, 6175, 2675, 1265

III. 7432, 7732, 7237, 2377
 \Rightarrow 7732, 7432, 7237, 2377

IV. 2659, 2859, 2759, 6592
 \Rightarrow

V. 4567, 4675, 4765, 4576
 \Rightarrow