MATHS

BOOKS - NAND LAL PUBLICATION

KNOWING OUR NUMBERS

Example

1. Estimate $1745 + 967 + 84$ using general rule.

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2. Estimate 29435 - 8605 using generaLrule. (Here both the numbers are rounded off to the nearest thousands.)

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3. Estimate 72×584 using general rule.

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Solution Of Textual Questions Try This

1. Can you instantly find the greatest number in each row and also which is the smallest number.

382,4972,18,59785,750.

Was that easy?Why was it easy.

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2. Can you instantly find the greatest number in each row and also which is the smallest number.

1473, 89423, 100, 5000, 310

Was that easy?Why was it easy.

3. Can you instantly find the greatest number in each row and also which is the smallest number.

1834, 75284, 111, 233, 450

Was that easy?Why was it easy.

4. Can you instantly find the greatest number in each row and also which is the smallest number.

2853, 7691, 9999, 12002, 124

Was that easy?Why was it easy.

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5. Find the greatest and the smallest numbers.

4536,48.92, 43.70, 4452

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6. Find the greatest and smallest numbers.

15623, 15073, 15189, 15800.

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7. Find the greatest and the smallest numbers.

25286,25245,25270,25210

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8. Find the greatest and the smallest numbers.

6895, 23787, 24569,24659

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9. Use the given digits without repetition and make the greatest and samallest four-digit number:

5,4,0,3

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10. Use the given digits without repetition and make the greatest and samallest four-digit number:

9,7,4,1

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11. Use the given digits without repetition and make the greatest and samallest four-digit number:

4,7,5,0

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12. Use the given digits without repetition and make the greatest and samallest four-digit number:

1,7,6,2

13. Use the given digits without repetition and make the greatest and samallest four-digit number:

5,4,0,3

14. Now make the greatest and the smallest four digit numbers by using any one digit twice.

3,8,7

15. Now make the greatest and the smallest four digit numbers by using any one digit

twice.

9,0,5

16. Now make the greatest and the smallest four digit numbers by using any one digit twice.

0,4,9

17. Now make the greatest nad the smallest four digit numbers by using any one digit twice.

8,5,1.

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18. Make the greatest and the smallest 4-digit numbers using any four different digits with condition as given.

Digit 7 is always at ones place.

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19. Make the greatest and the smallest 4-digit numbers using any four different digits with condition as given.

Digit 4 is always at tens place.

20. Make the greatest and the smallest 4-digit numbers using any four different digits with

condition as given.

Digit 9 is always at hundreds place.

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21. Make the greatest and the smallest 4-digit numbers using any four different digits with condition as given.

Digit 1 is always at thousands place.

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22. Take two digits,say2 and 3.From them make four-digit numbers,using both the digits equal number oftimes.

Which is the largest number?

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23. Take two digits,say2 and 3.From them make four-digit numbers,using both the digits equal number oftimes.

Which is the smallest number ?

24. Take two digits,say2 and 3.From them make four-digit numbers,using both the digits equal number oftimes.

How many different numbers can you make in all?

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25. Find the derivative of Cot2x+cosecx

▶ **Watch Video Solution**

26. Find the derivative of tan(5x-9)

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27. Find the derivative of log(2x+3)
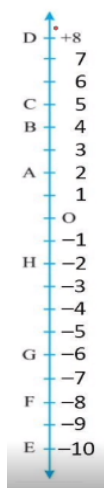
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28. Which to buy?

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29. Adjacent is a vertical number line,representing integers.Observe it and locate the following points:
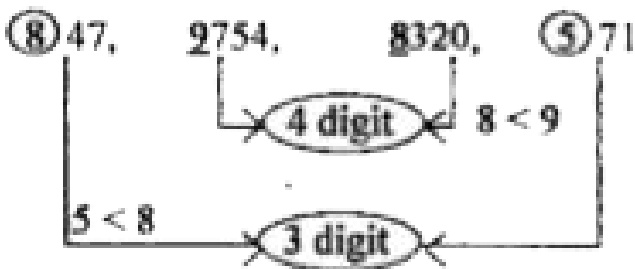
Arrange all the points in decreasing order of value.

```
D ┼ +8
  ┼  7
  ┼  6
C ┼  5
B ┼  4
  ┼  3
A ┼  2
  ┼  1
  ┼  O
  ┼ −1
H ┼ −2
  ┼ −3
  ┼ −4
  ┼ −5
G ┼ −6
  ┼ −7
F ┼ −8
  ┼ −9
E ┼ −10
```

30. Think of five more situations where you can compare three or more quantities.

31. Arrange the following numbers in ascending order.

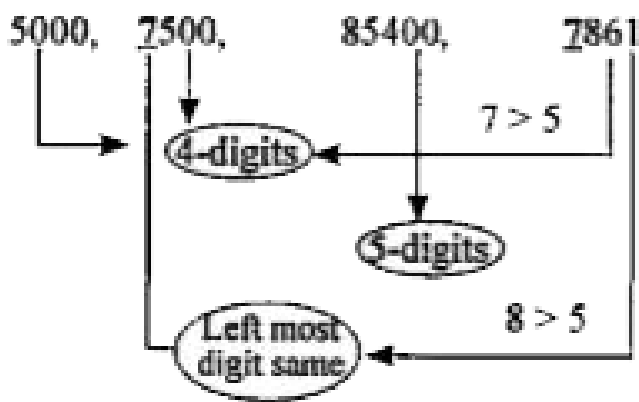**32.** Arrange the following numbers in ascending order.
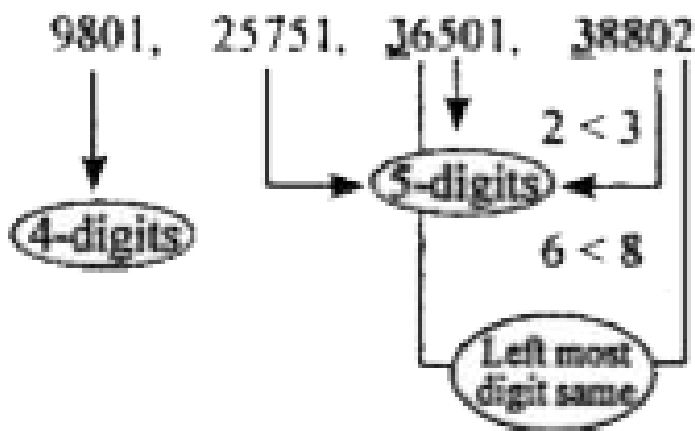
9801, 25751, 26501, 38802

2 < 3

5-digits

4-digits

6 < 8

Left most digit same

33. Arrange the following numbers in descending order.

34. Arrange the following numbers in descending order.
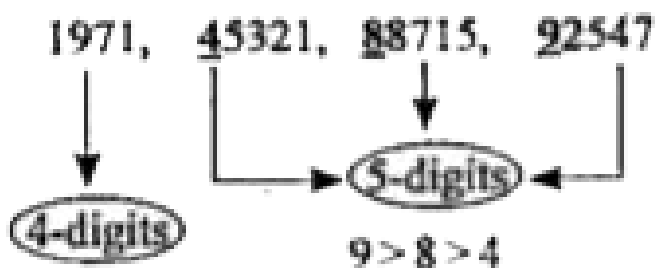
35. Arrange the following numbers in ascending order.

4645, 4657,4661,4692

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36. Arrange the following numbers in ascending order.

78328,78136,78418,78216

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37. Arrange the following numbers in ascending order.

25261,25562,25172,25304

38. Arrange the following numbers in ascending order.

14526,14556, 14517, 14530

39. Arrange the following numbers in ascending order.

64393,64394,64321,64313

40. Read and expand the numbers wherever there are blanks.

Number	Number Name	Expansion
50000	Fifty thousand	5×10000
41000	Forty one thousand	$4 \times 10000 + 1 \times 1000$
47300	Forty seven thousand three hundred	$4 \times 10000 + 7 \times 1000 + 3 \times 100$
57630	Fifty seven thousand six hundred thirty	$5 \times 10000 + 7 \times 1000 + 6 \times 100 + 3 \times 10 + 0 \times 1$
29485	Twenty nine thousand four hundred eighty five	$2 \times 10000 + 9 \times 1000 + 4 \times 100 + 8 \times 10 + 5 \times 1$
29085	Twenty nine thousand eighty five	$2 \times 10000 + 9 \times 1000 + 8 \times 10 + 5 \times 1$
20085	Twenty thousand eighty five	$2 \times 10000 + 8 \times 10 + 5 \times 1$
20005	Twenty thousand five	$2 \times 10000 + 5 \times 1$

41. Write five more 5-digit numbers, read them and expand them.

Number	Number Name	Expansion
62000	Sixty two thousand	$6 \times 10000 + 2 \times 1000$
87300	Eighty seven thousand three hundred	$8 \times 10000 + 7 \times 1000 + 3 \times 100$
53215	Fifty three thousand two hundred fifteen	$5 \times 10000 + 3 \times 1000 + 2 \times 100 + 1 \times 10 + 5 \times 1$
20095	Twenty thousand ninety five	$2 \times 10000 + 9 \times 10 + 5 \times 1$
10007	Ten thousand seven	$1 \times 10000 + 7 \times 1$

42. What is 10-1?

43. What is 100-1=?

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44. What is 10,000-1?

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45. Write 1,10,00 in expanded form

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46. Write1,20,00,000 in expanded form

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47. The number of people in the nearby town would be much larger. Is it a 5 or 6 or 7 digit number?

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48. Do you know the number of people in your state?

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49. How many digits would that number have?

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50. What would Be the number of grains in a sack full of wheat? A 5-digit number or a 6-digit

number or more.

51. Give five examples where the number of things counted would be more than a 6-digit number.

52. Starting from the largest 6-digit number ,write the previous five numbers in

descdending order.

53. Starting from the smallest 8-digit number write the next five numbers in ascending order and read them.

54. How many lakhs make a million?

55. How many millions make a crore?

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56. Express three large numbers in Indian system and International system of numeration

62800108

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57. Express three large numbers in Indian system and International system of numeration

72624395

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58. Express three large numbers in Indian system and International system of numeration

50060209

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59. Read these numbers.Write them using placement boxes and then write their expanded forms.

	Number	Placement box								Number name	Expansion
		Cr	TL	L	Tth	Th	H	T	O		
I.	4,75,320			4	7	5	3	2	0	Four lakh seventy five thousand three hundred twenty	4 × 100000 + 7 × 10000 + 5 × 1000 + 3 × 100 + 2 × 10 + 0 × 1

	Number	Placement box								Number name	Expansion
		Cr	TL	L	Tth	Th	H	T	O		
II.	98,47,215		9	8	4	7	2	1	5	Ninety eight lakh forty seven thousand two hundred fifteen	$9 \times 1000000 +$ $8 \times 100000 +$ $4 \times 10000 +$ $7 \times 1000 +$ $2 \times 100 + 1 \times 10$ $+ 5 \times 1$
III.	97645310	9	7	6	4	5	3	1	0	Nine crore seventy six lakh forty five thousand three hundred ten	9×100000000 $+$ $7 \times 10000000 +$ $6 \times 100000 +$ $4 \times 10000 + 5 \times$ 1000 $+3 \times 100 + 1$ $\times 10$ $+ 0 \times 1$
IV.	30458094	3	0	4	5	8	0	9	4	Three crore four lakh fifty eight thousand ninety four	$3 \times 10000000 +$ $4 \times 100000 + 5$ $\times 10000 + 8 \times$ $1000 + 9 \times 10$ $+ 4 \times 1$

(a) Which is the smallest number?

(b) Which is the greatest number?

(c) Arrange these numbers in ascending and descending order.

60. Read these numbers.

	Number	Placement box								Number Name Indian System
		Cr	TL	L	Tth	Th	H	T	O	
III.	18950049	1	8	9	5	0	0	4	9	One crore eighty nine lakh fifty thousand forty nine.
IV.	70002509	7.	0	0	0	2	5	0	9	Seven crore two thousand five hundred nine.

	Number	Placement box								Number Name International System
		TM	TM	HTh	HTh	Th	H	T	O	
I.	527864			5	2	7	8	6	4	Five hundred twenty seven thousand eight hundred sixty four.
II.	95432				9	5,	4	3	2	Ninety five thousand four hundred thirty two
III.	18950049	1	8	9	5	0	0	4	9	Eighteen million nine hundred fifty thousand forty nine.
IV.	70002509	7	0	0	0	2	5	0	9	Seventy million two thousand five hundred nine

(b) Arrange these in ascending and descending order.

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61. Take three more group of large numbers and do the exercise given above.

	Number	Placement box								Number name	Expansion
		Cr	TL	L	Tth	Th	H	T	O		
I.	58641				5	8	6	4	1	Fifty eight thousand six hundred forty one	$5 \times 10000 + 8 \times 1000 + 6 \times 100 + 4 \times 10 + 1 \times 1$

	Number	Placement box								Number name	Expansion
		Cr	TL	L	Tth	Th	H	T	O		
II.	89741251	8	9	7	4	1	2	5	1	Eight crore ninety seven lakh forty one thousand two hundred fifty one	$8 \times 10000000 + 9 \times 1000000 + 7 \times 100000 + 4 \times 10000 + 1 \times 1000 + 2 \times 100 + 5 \times 10 + 1 \times 1$
III.	7946350		7	9	4	6	3	5	0	Seventy nine lakh forty six thousand three hundred fifty	$7 \times 1000000 + 9 \times 100000 + 4 \times 10000 + 6 \times 1000 + 3 \times 100 + 5 \times 10 + 0 \times 1$

(a) Which is the smallest number?

(b) Which is the greatest number?

(c) Arrange these numbers in ascending and descending order.

62. You have the following digits 1,2,5,0,7 and 9. Using them make five numbers each with 6-digits.

63. You have the following digits4,5,6,0,7,8 .Using them make five numbers with 6 digits. Put commas for ease for reading.

64. Arrange 1,0,9,5,7,3 in ascending and descending order.

65. Take the digits 4,5,6,7,8 and 9.Make any three numbers with 8 digits.Put commas for ease of reading.

66. From the digits 3,0 and 4 make five numbers each with 6 digits.Use commas.

67. How many centimetres make a kilometre?

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68. Name five large cities in India.Find their population.Also,find distance in kilometres between each pair of these cities.

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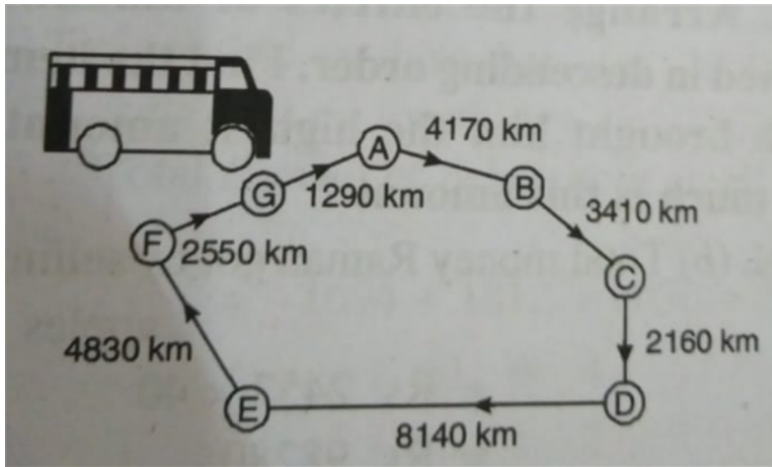**69.** How many milligrams make one kilogram?

70. A box contains 2,00,000 medicine tablets each weighing 20 mg. What is the total weight of all the tablets in the box in grams and in kilograms?

71. A bus started its journey and reached different places with a speed of 60km//hour.The journey is shown below:
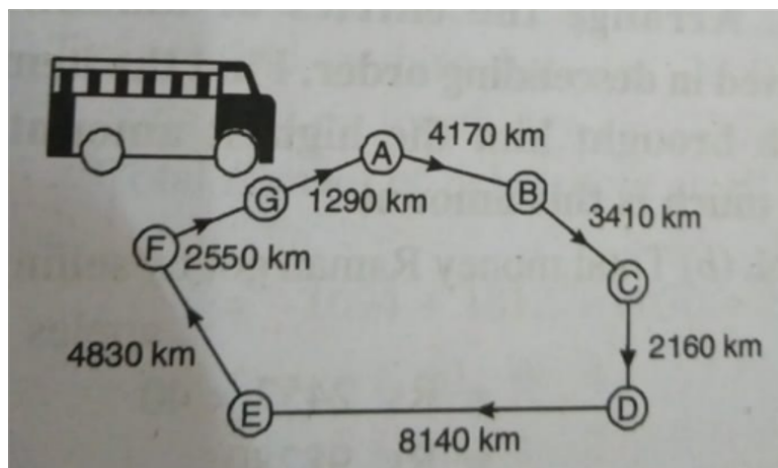
Find the total distance covered by the bus from D to G.

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72. A bus started its journey and reached different places with a speed of 60km//hour.The journey is shown below:

Find the total distance covered by the bus from D to G.

73. A bus started its journey and reached different places with a speed of 60km//hour.The journey is shown below:

Find the total distance covoered by the bus,if it starts from A and returns back to A.

.

74. A bus started its journey and reached different places with a speed of 60km//hour.The journey is shown below:

Find out the time taken by the bus to reach .

.

75. Find the derivative of $y = \sin 3x + \cos 2x$

76. Estimate the following products.

87×313

77. Estimate the following products.

$8 \times 785 = ?$

78. Estimate the following products.

898×785

79. Estimate the following products.

958×37

80. solve them. 416×8

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81. solve them. 23×76

▶ Watch Video Solution

82. solve them. 735×32

▶ Watch Video Solution

83. solve them. 3874×873

Watch Video Solution

84. solve them. 278×642

Watch Video Solution

85. Write the expressions for each of the following using brackets:

Four multiplied by the sum of nine and two.

86. Write the expressions for each of the following using brackets:

Divide the difference of eighteen and six by four.

87. Write the expressions for each of the following using brackets:

Forty five divided by three times the sum of three and two.

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88. Write three different situations for $(5 + 8) \times 6.$

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89. Write five situations for the following where brackets would be necessary.

$$7(8 - 3)$$

90. Write five situations for the following where brackets would be necessary.

$$(7 + 2)(10 - 3).$$

91. XXXX, VX, IC, XW are not written. Can you tell why?

92. Write in Roman Numerals.

$73 = 70 + 3$

93. Write in Roman Numerals.

$92 = 90 + 2$

1. Fill in the blanks:

1 lakh = ...ten thousand.

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2. Fill in the blanks:

1 million = ... hundred thousand.

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3. Fill in the blanks:

1 crore = ...ten lakh.

▶ Watch Video Solution

4. Fill in the blanks:

1 crore = ...million.

▶ Watch Video Solution

5. Fill in the blanks:

1 million = ...lakh.

6. Place commas correctly and write the numerals :

Seventy-three lakh seventy-five thousand three hundred seve.

7. Place commas correctly and write the numerals :

Nine crore fivelakh forty-one.

8. Place commas correctly and write the numerals :

Seven crore fifry-two lakh twenty-thousand three hundred two.

9. Place commas correctly and write the numerals :

Fifty-eight million four hundred twenty-three thousand two hundred two.

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10. Place commas correctly and write the numerals :

Twenty-three lakh thirty thousand ten.

▶ **Watch Video Solution**

11. Insert commas suitable and write the names according to Indian system of numeratio :

87595762

[▶ Watch Video Solution]

12. Insert commas suitable and write the names according to Indian system of numeratio :

8546283

[▶ Watch Video Solution]

13. Insert commas suitable and write the names according to Indian system of numeratio :

99900046

14. Insert commas suitable and write the names according to International system of numeration:

78921092

15. Insert commas suitable and write the names according to International system of numeration:

7452283

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16. Insert commas suitable and write the names according to International system of

numeration:

99985102

17. Insert commas suitable and write the names according to International system of numeration:

48049831

1. A book exhibition was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1094, 1812, 2050 and 2751. Find the total number of tickets sold on all the four days.

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2. Shekhar is a famous cricket player. He has so far scored 6980 runs in test matches. He wishes to complete 10,000 runs. How many more runs does he need?

3. In an election, the successful candidate registered 5,77,500 votes and his nearest rival secured 3,48,700 votes. By what margin did the successful candidate win the election?

4. Kirti Bookstore sold books worth Rs2,85,891 in the first week of June and books worth Rs4,00,768 in the second week of the month. How much was the sale for the two weeks together? In which week was the sale greater and by how much?

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5. Find the difference between the greatest and the least 5-digit number that can be written using the digits 6, 2, 7, 4, 3 each only once.

6. A machine, on an average, manufactures 2,825 screws a day. How many screws did it produce in the month of January 2006?

7. A merchant had Rs. 78,592 with her. She placed an order for purchasing 40 radio sets at Rs. 1200 each. How much money will remain with her after the purchase?

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8. A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer? (Hint: Do you need to do both the multiplications?

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9. To stitch a shirt, 2 m 15 cm cloth is needed. Out of 40 m cloth, how many shirts can be stitched and how much cloth will remain? (Hint: convert data in cm.)

10. Medicine is packed in boxes, each weighing 4 kg 500g. How many such boxes can be

loaded in a van which cannot carry beyond 800 kg?

11. The distance between the school and a student's house is 1 km 875 m. Everyday she walks both ways. Find the total distance covered by her in six days.

12. A vessel has 4 litres and 500 ml of curd. In how many glasses, each of 25 ml capacity, can it be filled?

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Exercise 1 3

1. Estimate each of the following using general rule.

$730 + 998$

2. Estimate each of the following using general rule.

$796 - 314$

3. Estimate each of the following using general rule.

$12, 904 + 2, 888$

4. Estimate each of the following using general rule.

$28, 292 - 21, 496$

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5. Make ten more examples of addition, subtraction and estimation of their outcome.

$437 + 626$

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6. Make ten more examples of addition, subtraction and estimation of their outcome.

$566 + 9238$

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7. Make ten more examples of addition, subtraction and estimation of their outcome.

$27362 - 3867$

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8. Make ten more examples of addition, subtraction and estimation of their outcome.

$5914 - 2198$

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9. Make ten more examples of addition, subtraction and estimation of their outcome.

$32267 - 13768$

▶ **Watch Video Solution**

10. Make ten more examples of addition, subtraction and estimation of their outcome.

$958 + 378$

▶ **Watch Video Solution**

11. Make ten more examples of addition, subtraction and estimation of their outcome.

$27932 + 72$

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12. Make ten more examples of addition, subtraction and estimation of their outcome.

$27932 + 721$

▶ **Watch Video Solution**

13. Make ten more examples of addition, subtraction and estimation of their outcome.

$4405 + 7981$

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14. Make ten more examples of addition, subtraction and estimation of their outcome.

$5315 - 2131$

15. Give a rough estimate (by rounding off to nearest hundreds) and also a closer estimate (by rounding off to nearest tens.)

$539 + 324 + 4, 316$

16. Give arough estimate (by rounding off the nearest hundreds)and also a closer estimate(by rounding off to nearest tens),

$1, 08, 734 - 47, 599$

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17. Give arough estimate (by rounding off the nearest hundreds)and also a closer estimate(by rounding off to nearest tens),

$8325 - 491$

▶ Watch Video Solution

18. Give arough estimate (by rounding off the nearest hundreds)and also a closer estimate(by rounding off to nearest tens),

$4, 89, 348 - 48, 365.$

19. Make four such examples:

$593 + 434 + 5317$

20. Make four such examples:

$109834 + 48598$

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21. Make four such examples:

$7625 - 591$

▶ Watch Video Solution

22. Make four such examples:

$479548 - 47465$

▶ **Watch Video Solution**

23. Estimate the following products using general rule:

578 x 161

▶ **Watch Video Solution**

24. Estimate the following products using general rule:

5281×3491

▶ **Watch Video Solution**

25. Estimate the following products using general rule:

$1291 \times 592.$

▶ **Watch Video Solution**

26. Estimate the following products using general rule:

9250×29

▶ Watch Video Solution

27. Estimate the following products using general rule.

858×487

▶ Watch Video Solution

28. Estimate the following products using general rule.

7891×8752

▶ **Watch Video Solution**

29. Estimate the following products using general rule.

79×4153

▶ **Watch Video Solution**

30. Estimate the following products using general rule.

1925×653

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1. 1 million in Indian system is

A. ten lakh

B. ten thousand

C. One crore

D.

Answer:

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2. The Hindu Arabic numeral for the number

LXXIII is

A. 83

B. 73

C. 79

D. N/A

Answer:

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3. Which of the following cannot be estimated

as 4000 in the nearest thousands?

A. 4098

B. 3980

C. 3125

D. N/A

Answer:

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4. The total number of 4-digit numbers is

A. 9999

B. 9000

C. 8999

D. N/A

Answer:

▶ **Watch Video Solution**

5. Which of the following is not meaningful?

A. VX

B. XV

C. XIV

D. N/A

Answer:

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6.

$$2 \times 10000 + 0 \times 100 + 8 \times 100 + 0 \times 10 + 2 \times 1$$

is same as:

A. 20082

B. 20802

C. 2802

D. N/A

Answer:

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7. Keeping the place of I in the number 1250947 same, the smallest number obtained by rearranging the digits is

A. 1975420

B. 1042579

C. 1024579

D. N/A

Answer:

8. Place value of 2 in 182510584 is:

A. 200000

B. 2000000

C. ten lakhs

D. N/A

Answer:

9. If car covers 204 km distance in 12 hours, then the average speed of car is:

A. 17 km/h

B. 27 km/hr

C. 5 km/hr

D. N/A

Answer:

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10. Smallest 5 digit number formed using the digits 0,4, 1, 9 is:

A. 1490

B. 10049

C. 10409

D. N/A

Answer:

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Additional Questions For Practice Fill In The Blanks

1. Six crore seven lakh eighty two is written in numerals as…………..

2. The number name for 10000101 in International System of Numeration is ....

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3. Among kilo, milli and centi the smallest is ....

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4. In Roman numeral system, the symbol X is subtracted from L, ... and C only.

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5. The greatest number that can be rounded off to the nearest thousand as 7000 is ....

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6. Smallest 4-digit number with 9 at hundreds place is...............

7. Two less than smallest 6 digit number is

  ▶ Watch Video Solution

8. Fill in the blanks 4 kg = ………….. mg.

  ▶ Watch Video Solution

9. Product of greatest and smallest 3-digit number is

▶ **Watch Video Solution**

10. Fill in the blanks 500 million = ...

▶ **Watch Video Solution**

Additional Questions For Practice

1. Check the following statements if they are true or not

LXXV is greater than LXXIV.

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2. Correct the following statements.

Smallest 4-digit number having three different digits is 1020.

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3. Correct the following statements.

The expansion of the number 8759 is

$$8 \times 10,000 + 7 \times 100 + 5 \times 10 + 9 \times 1$$

4. Correct the following statements.

In Indian system of numeration 58,692,317 using commas is written as 58,692,317 is the correct statement.

5. Correct the following statements.

Height of Ritika is 65 cm. In millimetres it is 165 mm.

6. Correct the following statements.

By adding 1 to the greatest 4-digit number we get one lakh.

7. Check the following statements if they are true or not

In a roman numerals if asymbol is repeated, its value is multiplied as many times as it occurs.

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8. Insert commas suitably and write the number names for the following:

3642091 in Indian System of Numeration.

> ▶ **Watch Video Solution**

9. 79200510 in International System of Numeration.

> ▶ **Watch Video Solution**

10. 100400258in Indian System of Numeration.

> ▶ **Watch Video Solution**

11. 812341905 -international System of Numeration.

12. Place commas correctly and write the numerals.

Seven crore seven lakh seven

13. Place commas correctly and write the numerals:

Twenty nine million one thousand seventeen

14. Place commas correctly and write the numerals:

Fifty eight million one hundred five thousand two hundred three

15. Place commas correctly and write the numerals:

Seven lakh forty three thousand eighty two

16. Write the Hindu Arabic numeral for the following :

CCXXXV

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17. Write the Hindu Arabic numeral for the following :

MDLI

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18. Write the Hindu Arabic numeral for the following :

CXVIII

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19. Write the Hindu Arabic numeral for the following :

CLIX

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1. Estimate the following.

359 + 215+44 using general rule.

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2. Estimate the following.

21569- 12345 by rounding off to the nearest hundreds,

3. Estimate the following.

7631×253 using general rule.

4. Estimate the following.

$105837 + 63841$ by rounding off to the nearest thousands.

1. A packet contains 10 strips of 10 capsules in each strip. Each capsule weighs 250 g. Find the total weight in grams of medicines in 10 such packets.

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2. Diameter of the earth is 12800 km and that of Mars is 8600000 m. Whose diameter is bigger and by how much?

3. The town newspaper is published everyday. One copy has 12 pages. Everyday 11,980 copies are printed. How many total pages of newspaper are printed everyday?

4. Population of a place was 3,25,174 in the year 2015. In the year 2016 it was found to have increased by 81,205. Find out the population of the place in 2016.

5. There were 107005 spectators at a cricket match. Among them were 14830 families with 4 family members each. Of the remaining spectators 12,890 were men. How many women and children from the remaining were there?

Additional Questions For Practice Hots High Order Tltinkme Skill

1. There were 50 oranges in each crate. 12 such crates of oranges were delivered to a juice shop. 40 oranges were found rotten and were thrown away. The remaining were packed into boxes of 14 oranges each. How many boxes of oranges were there?

1. Write the expressions for the statements given below

Divide the difference of 14 and 6 by 2.

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2. Write the expressions for the statements given below

Twelve multiplied by the sum of 6 and 9

3. Write the numbers for the following expansion

$$70000000 + 6000000 + 10000 + 20 + 9$$

4. Write the numbers for the following expansion

$8000000 + 50000 + 600 + 80 + 9$

5. Match the following:

(a) Smallest to greatest – one lakh centimetre
(b) One million is equal to – 1400
(c) Estimated product of 23 × 65 – is ascending order
(d) One kilometre – thousand thousands

6. 8-digit number has all ones in ones period, all two's in thousands period and all threes in

millions period.

Identify the number using commas.

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7. 8-digit number has all ones in ones period, all two's in thousands period and all threes in millions period.

Which system of numeration it is expressed?

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8. 8-digit number has all ones in ones period, all two's in thousands period and all threes in millions period.

Write this number in words.

9. 8-digit number has all ones in ones period, all two's in thousands period and all threes in millions period.

Round off this number to the nearest ten thousands.

10. Answer the following questions :

Form the smallest and largest 4-digit number using the digits 6,0,2 and 4 only once.

11. Write the number 175090 in expanded notation.

12. Express 137 and 294 in roman numerals.

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13. Arrange 23814,21483,28431 and 24813 in descending order.

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14. Estimate the following using general rule.

$3841 + 29758$

15. Estimate the following using general rule.

$$611523 - 5297$$

16. Estimate the following using general rule.

$$739 \times 861$$

17. Raman multiplied 2385 by 43 instead of multipling by 34. How much was the answer greater than the correct answer?

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18. Population of a town was 87878 in the year 1996 and 98572 in the year 2000. Estimate the increase in population by rounding off each population to the nearest hundreds.

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19. The number of sheets of paper available for making a notebook is 50,000. Each sheet makes 10 pages of a notebook. Each notebook contains 100 pages. Find the number of notebooks that can be made.

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