

Name	:							
Grade	: VI							
Subject	: Matl	hematics						
Chapter : 1. Knowing Our Numbers 1 Mark each) I. Multiple Choice Questions								
1. In Indian s	system of	numeration, the n	umber 5	58695376	is writter	n as		
a. 58,	69,53,76	b. 58,695,3	76	c. 5,86,9	5,376	d. 586	0,95,376	
2. The expan	ded form	of the number 95	78 is					
a. 9 ×	10000 + 5	5 × 1000 + 7 × 10 +	- 8 × 1	b. 9 × 10	100 + 5 × 1	100 + 7 ×	10 + 8 × 1	
c. 9 ×	1000 + 57	7 × 10 + 8 × 1		d. 9 × 100	0 + 5 × 10	0 + 7 × 10	0 + 8 × 1	
3. The great	est natura	al number I s						
a. 1 cr	ore	b. 10 crores		c. 10 Lak	hs	d. und	efined	
4. Which of	the follow	ving roman symbol	is never	repeated	?			
a. I		b. V		с. Х		d. C		
5. The number	er formed	by interchanging	the digi	ts 6 and 2	in 46527	1 is		
a. 467	'521	b. 425671		c. 16527	4	d. Nor	ne of these	
						T		٦
1. b		2. c	3. d		4. b		5. b	
1. The greate	est of the	e numbers 123, <mark>27</mark> ,	65, 234	12, 40000	is			
a. 400	000	b. 2342		c. 27		d. 650)	
2. The great	est of the	e numbers 1000 <mark>, 1</mark> 0	0000, 10), 1000000) <mark>, is</mark>			
a. 100	0000	b. 100000		c. 10000		d. 100	0	
3. The smalle	est of the	numbers 1000, 50	0000, 11	1, 3222, 2	25 is			
a. 111 4. The smalle	est of the	b. 225 numbers 2325, 2	352, 22	c. 1000 35, 2523, .	2532 is	d. 322		
a. 223	35	b. 2253		c. 2325		d. 253	32	
5. Using the	digits 1,2	,3,4 without repet	ition, th	e greatest	t 4-digit r	number th	nat can be made	is
a. 432	21	b. 4312		c. 4213		d. 423	31	
			1			Crea	ted by Pinkz	



6. using the digits 1,5,7,2 without repetition, the greatest 4-digit number that can be made is a.7521 b. 7512 c. 7215 d. 7251 7. Using the digits 3,5,7,0 without repetition the greatest 4-digit number that can be made is a. 7530 b. 7503 c. 7350 d. 7305 8. The smallest 4-digit number that can be made using the digits 1,8,5,3 without made using the digits 1,8,5,3 without repetition is a. 1583 b. 1538 c. 1385 d. 1358 9. The smallest 4-digit number that can be made using the digits 5,3,6,4 without repetition is a. 3546 b. 3564 c. 3456 d. 3465 10. The smallest 4-digit number that can be made using the digits 6,5,0,4 without repetition is a. 4560 b. 4056 c. 4065 d. 4506 11. Make the greatest 4-digit number by using any one digit of 2,6,5 twice. a. 6652 b. 6625 d. 6265 c. 6256 12. Make the greatest 4-digit number by using any one digit of 0,3,6 twice. a. 6630 b. 6603 d. 6306 c. 6360 13. Make the smallest 4-digit number by using any one digit of 4,3,2 twice. a. 2234 b. 2243 c. 2432 d. 2324 14. Make the smallest 4-digit number by using any one digit of 7,0,6 twice. a. 6007 b. 6070 c. 6700 d. None of these 15. Take two digits, say 1 and 2. Make the greatest 4-digits number using both the digits eaual number of times. a. 1122 b. 2112 c. 2121 d. 2211 16. Take two digits, say 3 and 4. Make the smallest 4-digit number using both the digits equal number of times. a. 3344 b. 4433 c. 4343 d. 4334 17. Take two digits 0 and 1. Make the smallest 4- digit number using both the digits equal number of times. b. 1001 c. 1010 d. None of these a. 1100 18. Take two digits, 0 and 1. Make the smallest 4-digit number using both the digits equal number of times. d. None of these a. 1001 b. 1010 c. 1100



19. Make the greatest	4-digit number using a	any four different o	digits with the condition that 5		
is at ones place.					
a. 9875	b. 9857	c. 9758	d. 9785		
20. Make the smallest	four - digit number us	sing any four differ	ent digits such that 5 is at ones		
place.			\sim		
a. 1025	b. 1205	c. 1250	d. None of these		
21. Arrange the follow	ing numbers in ascend	ing order: 132, 2000	0, 7500, 525.		
a. 7500,2000,5	25,132	b. 132,525,200	00,7500		
c. 132,525,7500),2000	d. 7500,2000,7	132,525		
22. Arrange the follow	ing numbers in descer	nding order: 40 <mark>00,8</mark>	500,50600,7235.		
a. 50600,8500,	7235,4000	b. 50600,8500	0,4000,7235		
c. 50600,7235,	8500,4000	d. 50600,7235	5,4000,8500.		
23. The greatest 2-dig	it number is				
a. 98	b. 99	c. 79	d. 89		
24. The smallest 2-digit number is					
a. 31	b. 21	c. 11	d. 10		
25. The greatest 3 dig	it number is				
a. 991	b. 997	c. 999	d. 998		
26. The smallest 3- dig	jit number is				
a. 100	b. 101	c. 111	d. None of these		
27. The greatest 4-dig	jit number is				
a. 8888	b. 6789	c. 9876	d. 9999		
28. The smallest 4-dig	it number is				
a. 1001	b. 1000	c. 1111	d. 9999		
29. Which of the follow	wing numbers c <mark>om</mark> es n	ext to 900?			
a. 100	b. 998	c. 1000	d. None of these		
30. Which of the follow	wing numbers comes j	ust before 1000?			
a. 999	b. 1001	c. 990	d. 909		
31. Which of the follow	ving numbers is equal	to 1 lakh?	Ochool		
a. 100000	b. 10000	c. 1000	d. 100		
32. Which of the follow	wing numbers is equal	to 1 crore?			
a. 1000000	b. 1000000	c. 100000	d. 10000		



33. 1 million = how many lakh? a. 10 b. 100 c. 1000 d. 10000 34. 1 crore = how many million? a. 100000 b. 10000 c. 100 d. 10 35. 1 billion = how many million? c. 1000 d. 10000 a. 10 b. 100 36. 1 lakh = how many ten thousand? c. 100 b. 10 d. 1000 a. 1 37. 1 million = how many hundred thousand? a. 10 b. 100 c. 1 d. None of these 38. 1 Crore = how many ten lakhs? a. 100 b. 1 c. 10 d. None of these 39. I nsert comma suitably in 67810138 by using international system. b. 67,81,01,38 c. 6, 78, 10, 138 a. 67, 810, 138 d. 678, 10, 138 40. 1 centimetre = ? Millimeters a. 10 b. 100 d. None of these c. 1000 41. 1 metre = ? centimeters? a. 10 b. 100 c. 1000 d. None of these 42.1 metre = ? millimeters a. 10 b. 100 c. 1000 d. None of these 43.1 kilometre =? metres a. 1000 b. 10 d. none of these c. 100 44.1 km = ? mma. 10,00,000 b. 1,00,000 c. 10,000 d. 1000 45. 49 to the nearest tens is a. 50 b. 40 c. 45 d. 55 46. 123 to the nearest tens is b. 120 c. 125 d. 123 a. 130 47. Which of the following rounding off is correct ? b. 286 → 200 a. 841 → 800 c. 9870 → 9800 d. 87→ 80 48. In Roman numerals L stands for b. 50 c. 70 d. 90 a. 100



49. In Roman numerals C stands for

a. 10	b. 100	c. 1000	d. 1
50. In Roman numerals	D stand for		
a. 100	b. 1000	c. 500	d. 10
51. In Roman numerals	M stands for		\sim
a. 1000	b. 100	c. 10	d. None of these
52. 60 in Roman numera	als is		
a. LX	b. LXX	c. LXXX	d. XL₹
53.80 in roman numera	ils is		
a. LXXX	b. LXX	c. LX	d. XXXL
54. 90 in Roman numera	als is		
a. XL	b. XC	c. CX	d. LX
55. I made an expendit	ure of ₹2725 in No	ovember, 2009 and of	₹2275 in December, 2009.
What is the total ex	<penditure by<="" made="" td=""><td>me in November, 200</td><td>9 and December, 2009</td></penditure>	me in November, 200	9 and December, 2009
together?			
a. ₹2000	b. ₹3000	c. ₹4000	d. ₹5000
56. The difference bet	ween the greatest	number of 4-digit and	the smallest number of 5-digit
is			
a. 1	b. 10	c. 100	d. 11
57. The monthly salary	of Apala is 20975 a	a <mark>nd that o</mark> f menu is 15	875. The difference of their
monthly salaries is			
a. ₹6000	b. ₹ 4900	c. ₹5000	d. ₹ 5100
58. To stitch a trouser	1 m 25 cm cloth is	required. Out of 10 m	cloth. How many trousers can
be stitched?			
a. 2	b. 4	с. 6	d. 8
59. Manish multiplied 1	00 by 89 inste <mark>ad</mark> of	⁻ multiplying by 7 <mark>9.</mark> Ho	w much was his answer greater
than the correct an	swer?		
a. 100	b. 1000	c. 10000	d. None of these
60. Sangeeta types 25	pages per day. How	many pages will she t	ype in the month of November?
a. 900	b. 800	c. 700	d. 750



1.a	2. a	З. а	4. a	5. a	6. a	7. a	8. d	9. c	10. b
11. a.	12. a	13. a	14. a	15. d	16. a	17. a	18. a	19. a	20. a
21. b	22. a	23. b	24. d	25. c	26. a	27. d	28. b	29. с	30. a
31. a	32. a	33. a	34. d	35. c	36. b	37. a	38. c	39. a	40. a
41. b	42. c	43. a	44. a	45. a	46. b	47. a	48. b	49. b	50 c
51. a	52. a	53. a	54. b	55. d	56. a	57. d	58. d	59. b	60. d

1. i. Write the difference between biggest 7-digit number and the smallest 8-digit number.

- ii. Write in words the sum of the biggest 4 digit number and the smallest 2-digit number.
- iii. Write in figures the sum of 1 and the biggest 8-digit number.
- iv. Write in words, the sum of 1 and the biggest number of 5 digits.
- v. What is the difference between one lakh and the biggest 5 digits.
- 2. Answer the following questions.
 - i. How many thousands make one lakh?
 - ii. How many lakhs make a million?
 - iii. How many millions make a crore?
 - iv. How many milligrams make a gram?
 - v. How many metres make a kilometer?
 - vi. How many milliliters make a litre?
 - vii. How many centrimetres make a metre?

3. Fill in the blanks:

- i. The successor of the 4-digit greatest number is the _____5 digit number.
- ii. the place value of 1 in 7105623 is _____
- iii. The Place value of 0 in 7105623 is ____
- iv. The difference of two place values of 7 in 570076 is _____
- v. The difference of two place values of 2 in 3230452 is _____
- 4. Write the :
 - i. Greatest 4 digit number using different digits such that the digit-5 is always at ones place.
 - ii. Smallest 4-digit number using different digit such that the digit 9 is always at the units place.



- iii. Smallest 5- digit number using different digits such that the digit 7 is always at the hundreds place.
- iv. Face value of 3 in 123456.
- v. Difference between the place value and face value of 5 in 14352.
- 5. i. Write the smallest 5-digit number using all different digits.
 - ii. Write the greatest 5-digit number using the digits 1,2,3,4 and 0.
 - iii. Write the greatest 5-digit number using all the different digits.
 - iv. write the smallest 5-digit number using the digits 0, 1 and 2.
 - v. Write the greatest 5-digit number using the digits 0,1 and 2.
- 6. Match the following;

Column A	Column B
a. 10 lakh	i. 1000 times larger
b. 10 million	ii. 1000 times smaller
c. Kilo	iii. 1 Million
d. Milli	iv. 1 crore

- 7. Choose the correct answer for each of the following:
 - i. the symbols V.L, and D are (never/always) repeated.
 - ii. If a symbol of smaller value is written to the (left / right) of greater value, its value is subtracted.
 - iii. for comparing two numbers having the same number of digits, we start comparing the digits from (leftmost/rightmost) position.
 - iv. 1 kg = (1000g / 1000mg)
- 8. Answer the following questions :
 - i. Write the smallest three digit number which does not change on reversing its digits.
 - ii. How many lakhs make a million?
 - iii. Which of these symbols are not used in Roman Numerals. 0, 1, M?
 - iv. What is the smallest 9-digit number called in words.
- 9. The greatest five-digit number using the digits 3, 1 and 0.
 - i. 30001 ii. 10003 iii. 31000
- 10. The place value of 2 in 91023045 is.
 - i. 2000 ii. 2000 iii. 200

iv. 200000

iv. 13000

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11. N	umber of s	symbols use	d in Roman num	bers is :		
	i. 9		ii. 8	iii. 7	iv. 10	1
12. N	lumber of	' lakhs' requ	ired to make a	million		
	i. 10		ii. 100	iii. 1000	iv. 10	,000
13. V	Vhich of th	ne following	is the smallest	three digit nun	nber that does not	change even if the
di	igits are w	ritten in rev	verse order?			
	i. 110		ii. 101	iii. 330	iv. 90	9
1.	i. 1,	ii. Ten thou	isand nine,	iii. 10,00,00,0	00, iv. One lakh	2
2.	i. 100	ii. 10	iii. 10	iv. 1000 ,	v. 1000	vi. 10000
3.	i. Smallest	t, ii. 1,00,00	0, iii. 0	iv. 69,930,	v. 1,99,998	
4.	i. 9875	ii. 1029	iii. 10723	iv. 3	v. 45	
5.	i. 10234	ii. 42310	iii. 98765	iv. 10002	v, 21000	
6.	i. III	ii. iv	III. I	iv. ii	v. ii	
7.	i. never	ii. Left	iii. Leftmost	iv. 1000g		
8.	i. 101	ii. 10	iii. O			
9.	iii	10. ii	11. iii	12. i	13. ii	

II. N	lultiple	Choice	Questions
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1. The product of the place value of two 2's in 428721 is :

	a. 4	b. 40000	c. 400000	d. 4000000
2.3 ×	10000 + 7 1000÷ 9	× 100 + 0 × 10 + 4	is the same as:	
	a. 3794	b. 39740	c. 37904	d. 379409
3.lf1	l is added to the grea	test 7 di <mark>git</mark> s numb	er, it will be <mark>e</mark> qual to ;	
	a. 10 thousand	b. 1 lakh	c. 10 lakh	d. 1 crore
4. Th€	e expanded form the a. $9 \times 10000 + 5 \times 10000$	numbers 9578 is; 000 +7× 108 × 1	b. 9 × 1000 + 5 × 10	0 + 7 × 10 + 8 × 1
	c. 9 × 1000 + 57 ×	10 + 8 + 1	d. $9 \times 100 + 5 \times 100$	00 + 7 + × 10 + 8 ×1
5. Wh	en rounded of f to ne	earest thousands, th	e number 85642 is:	
	a. 85600	b. 85700	c. 85000	d. 86000

8



6. The	e largest 4-digits num	nber, using any one dig	git twice, from digits	5,9,2 and 6 is:
	a. 9652	b. 9562	c, 9659	d. 9965
7. I n I	ndian system of num	eration, the number !	58695376 is written	as;
	a. 58,69,53,76,	b. 58,695,376	c. 5,86,95,376	d. 586,95,376
8. One	e million is equal to ;		mc	
	a. 1 lakh	b. 10 lakh	c. 1 crore	d. 10 crore
9. The	e greatest number wh	nich on <mark>r</mark> ounding off t	o nearest thousands g	gives 5000, is :
	5001	b. 5539	c. 5999	d. 5499
10. Ke	eping the place of 6	in the number 635094	47 same , t <mark>he smalles</mark>	t number obtained by
re	arranging other digit	:s is:		
	a. 6975430	b. 6043579	c. 6034579	d. 6034759
11. Wł	nich of the following	numbers in roman nun	merals is incorrect?	
	a. LXXX	b. LXX	c. LX	d. LLX
12. Th	e largest 5-digit num	ber having three diff	ferent digits is:	
	a. 98978	b. 9987	c. 99987	d. 98799
13. Th	e smallest 4-digit nu	mber having three dif	fferent digits is:	
	a. 1102	b. 1012	c. 1020	d. 1002
14. Or	e km is how many cei	ntimeter?		
	a. 100000	b. 10000	c. 1000	d. 100
15. Th	e population of town	in the year 2000 was	200000. In the year	2005, it was found to be
ind	creased by 10359, wh	nat was the population	n of the town in 2005	?
	a. 220359	b.210000	c. 210359	d. 20359
16. A i	machine, on an averaç	ge, manufa <mark>ctu</mark> res 282	5 screws a day. How	many screws did it
ma	anufacture in the mo	nth of Jan <mark>ua</mark> ry ?		
	a. 84750	b. 87575	c. 81925	d. 79100
17. A v	vessel has 4 litre & 5	00 ml of milk. In how	many glasses, each o	f 25ml capacity, can it be
Fill	ed?	0	(
	a. 150	b. 160 ener	c. 170 00 0	d. 180
18. WI	nich of the following	is the Roman Numera	al for 69?	
	a. LXXI	b. LXX	c. CXIX	d. CXXI

9



19. How many times does the digit 9 occur between 1 and 100?

a. 11 b. 15 c. 18 d. 20

20. How many symbols are used to represents digits?

	a. 7		b. 8	c. 9		d. 10	
21	21. (7268 – 2427) estimated of the nearest hundred is:						
	a. 4800		b. 4900	c. 48	341	d. 5000	
	1. c	2. c	3. d	4. b	5. d	6. d	7. c
	8. b	9. d	10.c	11. d	12. c	13. d	14.a
	15. c	16. b	17. d	18. b	19. d	20. d	21. а
							Y
			III. Multi	ple Choice Q	uestions		
1.	The product	of the place	values of two	2's in 4,28,7	21 is		
	a. 4		b. 40,000	c. 4,0	00,000	d. 4,00,00	0,000
2.	The face val	ue of 4 in 8,9	2,47,605 is				
	a. 4		b. 40,000	c. 47	,605	d. 8,924	
3.	The product	of the place	value of two	5's in 6,53,25	50 is		
	a.25		b. 25,000	c. 2,	50,000	d. 25,00,0	000
4.	If 1 is added	d to the grea [.]	test 7-digit n	umber, it will	be equal to		
	a. 10 th	ousand	b. 1 lakh	c. 10	lakh	d. 1 crore	2
5.	The differe	nce of the sm	allest three	digit number	and the large	est two digit	number is
	a. 100		b. 1	c. 10		d. 99	
6.	When round	ed off to nea	rest thou <mark>sa</mark> nd	ds, the numbe	er 85 <mark>,6</mark> 42, is		
	a. 85,60	00	b. 85,700	c. 85	5,000	d. 86,000)
7.	The greates	t number whi	ch on roun <mark>d</mark> in	g off to near	est thousand	ls gives 5,000) is
	a.5,001		b. 5,559	c. 5,9	999	d. 5,499	
8.	The smalles	t number whic	ch when round	ded off to th	e nearest hu	ndred as 600,	, is
	a. 550	lest	b. 595	с. 60	14 on	d. 599	ool
9.	The differe	nce between	the greatest	and smallest	numbers whi	ch when roun	ded off a
	number to t	the nearest h	undred as 6,7	'00 is			

a. 100 b. 99 c. 98 d. 101



10. How many 8-digit numbers are there? a. 9,99,99,999 b. 8,99,99,999 c. 9,00,00,000 d. none of these 11. In Indian system of Numeration, the number 58695376 is written as a. 58,69,53,76 b. 58,695,376 c. 5,86,95,376 d. 586,95,376 12. The largest 4- digit number, using any one digit twice, form digits 5,9,2 and 6 is a. 9,652 b. 9,562 c. 9,659 d. 9,965 13. 3 x 10,000 + 7 x 1,000 + 9 x 100 x 100 + 0 x 10 + 4 is the same as a. 3,794 b. 37,940 c. 37,904 d, 3,79,409 14. Which of the following numbers in roman numerals is incorrect? c. LX a. LXXX b. LXX D. LLX 15. The expanded form of the number 9578 is a. 9 × 10,000 + 5 × 1,000 + 7 × 10 + 8 ×1 b. 9 × 10,000 + 5 × 100 + 7 × 10 + 8 ×1 c. 9 × 1,000 + 57 × 10 + 8 ×1 d. 9 × 100 + 5 × 100 + 7 × 10 + 8 × 1 1. c 5. b 2. a 3.d 4. d 6. d 7. d 9. b 10.c 8.a

13.c

14. d

I. Very Short Answer Type Questions

12. d

1. Can you tell how much one million is equal to?

1 Million = 10 lakhs

11. c

2. How many lakhs make a billion?

1 billion = 10,000 lakhs.

3. How many billions make a trillion?

1 Trillion = 1,000 billions.

4. What is the smallest 4-digit number having three different digits 0,1,2?

15. b



5. Write the smallest 3-digit number which does not change if the digits are written in reverse order.

The number is 101.

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6. What is the small number obtained by keeping the place of 6 in number 63,50,947 same and
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rearranging the others?

The smallest number is 60,34,579

7. What is the greatest number which on rounding off to nearest thousand gives 5, 000?

The number is 5,499

8. Which digits have the same face value and place value in 9,20,78,634?

The digits are 0 and 4.

9. According to international system of Numeration, how will 11,12,323 be written?

It will be written as 1,112,323.

10. Write the expanded form of 39,746.

Expanded from of 39,746 = 3 x 10000 + 9 x 1000 + 7 x 100 + 4 x 10 + 6.

- 11. Write Roman numeral for 98.
- 98 = 90 + 8 = (100 - 10) + 8 = XC + VIII = XCVIII 12. Write Hindu Arabic numeral for XCIX.

XCIX = XC + IX

- = 90 + 9 = 99
- 1. Arrange the following number in descending order: 8435,4835,13584,5348,25843,

Descending order is: 25843 > 13584 > 8435 > 5348 > 4835.

2. Of the following numbers which is the greatest? Which is the smallest?

38051425, 30040700, 6720<mark>560</mark>2,

We have, 38051425, 30040700 and 67205602. On comparing the given numbers, we get the greatest number = 67205602 and the smallest number = 30040700.

3. In a city, polio drops were given to 2,12,583 children on Sunday in March, 2008and to 2,16813 children in the next month. Find the difference of the number of children getting polio in the two months.

Given, polio Drops given in March 2008 = 212583 and polio drops given in April 2008 = 216813



Now, difference of the numbers of Children

- = 216813 212583
- = 4230

4. Out of 180000 tablets of vitamin A, 18734 are distributed among the students in a district.

Find the number of the remaining vitamin tablets.

We have,	
Total tablets of vitamin A	= 180000
Tablets distributed among children	= 18734
Now, remaining vitamin A tablets	= 180000 - 18734
	= 161266

Hence, the Number of the remaining vitamin a tablets is 161266.

- 5. In the marriage of her daughter, leela spent ₹216766 on food and decoration, ₹122322 on jewellery, ₹88234 of furniture and ₹26780 on kitchen items. Find the total amount spent
 - by her on the above items. Given, amount spent on food and decoration Amount spent on jewellery Amount spent on furniture And amount spent on kitchen items Total amount spent = ₹216766 = ₹122322 = ₹88234 = ₹26780 = ₹216766 + 122322 + 88234 + 26780= ₹454, 102
- 6. A garment factory produced 216315 shirts, 182736 trousers and 58704 jackets in a year.

What is the total production of all the three items in that year?

Given, a garment factory produced shirt	= 216315
Produced trousers	= 1 <mark>8</mark> 2736
Produced jackets	= <mark>58</mark> 704.
Total production of all the three items i	n that year = sum of all items = 216315 +
182736 + 58704	
Hence, the total production of all the th	= 457755. ree items in that year is 457755.



7. How many times 9 appear in this (10,000,000 - 1)

7 times.

8. Separate the periods of the numerical 89365478 by commas and write in words.

8,93,65,478

In words, we write it as :

Eight crore, ninety three lakh, sixty five thousand, four hundred seventy eight.

9. Arrange in ascending order;

571,8320,9754,874.

Ascending order is:

571 < 847 < 8320 < 9754.

10. Write 69 in Roman numerals.

LXI X

1. a. Here, ten thousand digit is 4 in both numbers, but thousands digit in 47645 is 7 and

thousands digit in 48740 is 8. So, 8 > 7

Hence, 48740 > 47645

b. In 15896, ten thousands digit is 1 and ten thousands digit in 26760 is 2. So, 2 >1.

Hence, 26760 > 15896.

- 2. In the given numbers, we see that 28706 is the smallest and 87604 is the greatest.
- 3. Here, given digits are 3,5,4,6 for the smallest number, we write the digits in ascending order. So, the smallest four -digit number is 3456.
- 4. The ascending order of the given numbers are as follows:

1462 < 1562 < 2605 < 3164

5. Given, digits are 1,2,7,9,4. For greatest number, we write the digits in descending order.

So, The greatest five – digit number is 97421.

6. According to Indian system of numeration,

a. 24,64,056

- b. 68,96,462
- 7. Expanded form of given numbers as
 - a. 76496=7x10000 + 6 x 1000 + 4 x 100 + 9 x 10 + 6

b. 986256 = 9x100000+ 8 x 10000 + 6 x1000 + 2 x 100 + 5 x 10 +6

8. According to international system of numeration

a. 2,546,726 b. 7,869,420







1. How many million make 3 crore?

We know that, 1 crore = 10 million 3 crore = 3 x 10 million = 30 million

2. Chinmay had ₹ 610000. He gave ₹ 87500 to Jyoti, ₹ 126380 to javed and ₹ 350000 to john.

= ₹610000

= ₹87500

How much money was left with him ?

Given, Chinmay's total money

Money given to jyoti by chinmay

Money left given to john by chinmay = ₹126380

And money given to john by chinmay = ₹ 350000

Money left with Chinmay

= Total money - Distributed money

= 610000 - (87500 = 126380 = 350000)

= 610000 - 563880 = ₹46120

Hence, ₹46120 was left with him.

3. The population to town is 450772. In a survey, it was reported that one out of every 14 persons is illiterate, in all how many illiterate persons are there in the town?

Given , total population of town = 450772

One out of every 14 persons, is illiterate.

Now,

Total illiterate persons

= Total population of town / 14

= 450772/14 = 32198

Hence, the number of illiterate persons in the town is 32198.

Jeneralion D



4. Person had ₹1000000 with him. he purchased a colour T.V. for ₹16580, a motor cycle for

₹45890

and a flat for 870000. How much money was left with him ?

- Given, total money=₹1000000Money spent on a colour TV=₹16580Money spent on a motor cycle=₹45890And money spent on a flat=₹870000Total amount spent=16580 + 45890 + 870000 = ₹932470Money left with him=1000000 932470 = ₹67530Hence, ₹67530 was left with him.
- 5. In 2001, the populations of Tripura and Meghalaya were 3,199,203 and 2,318,822,

respectively. Write the populations of these two states in words.

Population of Tripura = 3,199,203

In words, three million, one hundred ninety nine thousand, two hundred three, and population of Meghalaya =2,318,822.

In words, two million, three hundred eighteen thousand, eight hundred twenty two.

6. The diameter of Jupiter is 142800000 metres . insert commas suitably and write the diameter according to international system of Numeration.

Given, diameter of Jupiter = 142800000 m

The diameter of the Jupiter is 1,42,800,000 metre 142870000 in ISN :

Fourteen crore twenty eight lakhs.

7. Radius of the Earth is 6400 km and that of Mars is 4300000 m. whose radius is bigger and by how much?

= 6400 km

Given, radius of the Earth

And radius of Mars

= 6400000 m (1km = 1000 m) = 4300000 m

On comparing both the radii, we get

- Radius of Earth > Radius of Mars
- Difference between the two radii = 6400000 4300000 = 2100000 m.

Hence, the radius of Earth is bigger and by 2100000 m.



 8. India's population has been steadily increasing from 439 millions in 1961 to 1028 million in 2001. Find the total

increase in population from 1961 to 2001. Write the increase in population in Indian system of Numeration, using commas suitably.

Given, population of I ndia in 1961 = 439 million = 439 x 1000000 = 439000000 (1 million = 1000000) and population of I ndian in 2001 = 1028 million = 1028 x 1000000 = (1 million = 1000000)

Total increase in population from 1961 to 2001

- Population in 2001 Population in 1961
- = 102800000 439000000 = 589000<mark>000</mark>
- = 589 x 100000 = 589 million
- So, the increase population in Indian system of Numeration = 58,90,00,000
- 9. As per the census of 2001, the population of four states are given below, arrange the states in ascending and descending order to their population.
 - a. Maharashtra 96878627
 - b. Andhra Pradesh 76210007
 - c. Bihar 82998509
 - d. Uttar Pradesh 166197921

On arranging the population of four states in ascending order we get

76210007 < 82998509 < 96878627 < 166197921.

(Andhra Pradesh) (Bihar) (Maharashtra) (Uttar Pradesh)

Again, rearranging the population of four states in descending order, we get

166197921 > 96878627 > 829<mark>98</mark>509 > 76210007,

(Uttar Pradesh) (Maharashtra) (Bihar) (Andhra Pradesh)

10. Make greatest and smallest 4 digit numbers by using any one digit twice:





11. Use digit 7 at ones place and make smallest and greatest number of 4 digits.

a. Greatest	b. Smallest
a. Greatest No.	= 9867
b. Smallest No	= 1027

12. The cost of 20 tons of steel is 350000, find cost of 2 kg of steel.

Cost of 20 tons of steel = ₹350000 Cost of 1 kg steel = $\frac{350000}{2000}$ = ₹17.5 Cost of 2 kg of steel = 2x 17.5 = ₹35

1. Write in expanded form :

a. 74836 b. 574021 c. 8907010

Expanded form of given numbers are

a. 74836 = 7 x 10000 + 4 x 1000 + 8 x 100 + 3

b. 574021 = 2 x100000 + 7 x 10000 + 4 x 1000 + 0 x 100 + 2 x 10 + 1 x 1

c. 8907010 = 8 x 1000000 + 9 x 100000 + 0 x 10000 + 7 x 1000 + 0 x 100 + 1 x 10 + 0 x 1

2. Estimate the product 758 x 6784 using the general rule.

We have 758 x 6784

Rounded off 758 to nearest hundreds = 800

and rounded off 6784 nearest thousands = 7000.

So, estimated product 800 x 700 = 5600000

3. How many lakhs make five billions?

We know that, 10 lakh 1 million 100 lakh 10 million = 100 lakh 1 crore = 1000 million = 100 crore 100 crore = 100 x 100 lakh 1 billion = School 10000 lakh So, 5 billion = 5 x 10000 = 50000 lakh.



4. The population of a town was 78787 in the year 1991 and 95833 in the year 2001. Estimate the increase in population by rounding off each population to nearest hundreds

Here, population of a town in 1991	= 78787
Rounded off 78787 of nearest hundreds	= 78800
And population of a town in 2001	= 95833
Rounded off 95833 to nearest hundreds	= 95800.
Increase in population	= 95800 - 78800 = 1700.

5. Find the difference between the largest number of seven digits and the smallest number of eight digits.

The largest 7 digits number	=	9999999
The smallest 8 digits number	=	1000000

Now, difference between the smallest 8 digit number and the largest 7 digits numbers

- =10000000 9999999 = 1
- 6. Find The sum of the greatest and the greatest six digit numbers formed by the digits

2,0,4,7,6,5, using each digit only once.

Given digit are 2,0,4,7, 6 and 5.

Using each digit only once,

- The greatest six- digit number= 765420.The smallest six digit number= 204567Now, the sum of these numbers= 765420 + 204567 = 969987
- 7. A factory has a container filled with 35874 L of cold drink. In how many bottles of 200 mL capacity each, can it be filled ?

Given, total col	d drink in the c <mark>on</mark> tainer	=	35874 L	
		=	35 <mark>8</mark> 7400 mL = (1 L =	1000 mL)
Capacity of a b	ottle	=	20 <mark>0</mark> mL	
Number of bot	tles	=	cap <mark>ac</mark> ity of a container Capacity of a bottle	
			<u>3,58,74000</u> 200	
GY7	v G	=	1,79,370	0

8. Make the greatest and the smallest 5 digits numbers using different digits in which 5 appears at ten's places.

According to the question, 5 must appear at ten' place.



Now, for the greatest number, digit (0-9) should be arranged in descending order, i.e

9,8,7,6,5,4,3,2,1,0

The greatest number of 5 digits = 98756

And for the smallest number, digit (0-9) Should be arranged in ascending order, i.e.,

0,1,2,3,4,5,6,7,8,9.

The smallest number of 5 digit = 10253.

9. How many grams should be added to 2 kg 300 g to make it 5 kg 68 g?

We will get the required weight by subtracting 2 kg 300 g from 5 kg 68g.

Kg	g
5	068
- 2	300
2	768

Hence, 2768 g or 2 kg 768 g should be added to 2 kg 300 gm to make it 5 kg 68 g.

10. A box contains 50 packets of biscuits each weighing 120g. How many such boxes can be

loaded in a van which cannot carry beyond 900 kg?

Given, total number of packet	= 50
Weight of each packet	= 120 g
Weight of a box	= 50 x 120 g = 6000 g = 6 kg (1000 g = 1 kg)
Required number of boxes	= 900/6 = 150

11. A vessel has 13 litres 200 mL of fruit juice. In how many glasses each of capacity 60 mL can

it be filled?

Given,

Capacity of fruit juice a vessel

= 13 litres 200 mL

= 13200 mL (1 Lit = 1000 mL)

Number of glasses that can't be filled



1. Determine the difference between the place value and the face value of 5 in 7,86,54,321.

The 5 is in ten thousand's place. Therefore.

Place value of 5 is x 10,000 = 50,000.

Face value of 5 is 5.: required difference = 50, 000-5 = 49,995



2. Determine the product of the place values of two fives in 4,50,758.

First 5 is in ten's place of the number. Therefore,

Place value of $5 = 5 \times 10 = 50$

Required product

Second 5 is in ten thousand's place. Therefore,

Place value of $5 = 5 \times 10,000 = 50,000$

 $= 50 \times 50,000 = 25,00,000$

3. Determine the difference of eh place values of two 7's in 257,839,705.

First 7 is in hundred's place of number. Therefore,

Place value of 7 = 7 x 1000,000

= 7,000,000

Required difference = 7,000,000 - 700

= 6,999,300

4. Fill in the blanks;

1. By reversing the order of digits of the greatest number made by five different non-zero digits, the new number is the ______ number of five digits.

2. Length of river 'Narmada' is about 1,290 km, its length in metres is _

- 3. By adding 1 to the greatest _____ digit number, we get ten lakh.
- 4. The number 66 in Roman numerals is _____

1. Smallest	ii. 12,90,000 m	iii. 6	iv. LXVI
-------------	-----------------	--------	----------

5. Find the sum of the greatest and the least six digit numbers formed by the digits 2,0,4,7,6,5 using each digit only once.

We have digits 2,0,4,7,6,5 which we can use only once, therefore,

Greatest six digit number = 7,65,420Smallest six digit number = 2,04,567Sum of greatest number = smallest number = 7,65,420 + 2,04,567. Now, 7,65,420+ 2,04,5679,69,987

6. 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 1,094, 1,812, 2,050 and 2,751. Find the total number of tickets old on all four days.



		69
Tickets sold on first	day =	1,094
Tickets sold on secon	d day =	1,812
Tickets sold on third	day =	2,050
Tickets sold on fourt	h day =	2,751
Total tickets sold	=	Tickets sold on first day + Second day + Third day +
		fourth day
	=	1,094+ 1,812 + 2,050 + 2,751
Now,		1,094
		1,812
		2,050
	+	2,751
		7,707 Total Tickets sold were 7,707,

7. 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?

Votes registered by candidate	=	5,77,,500
Votes registered by his rival	=	3,48,700
Margin with which candidate won	=	5,77,500 - 3,48,700
Now,		5,77,500
	-	3,48,700
		2,28,800

So, candidate won by 2,28,800 votes.

8. A machine, on an average, manufactures 2,825 screws in a day, How many screws did it

produce in the month of January 2006?



Thus, screws produced in the month of January is 87,575.





the increase in population by rounding off each population to nearest hundred.





11. Estimate the product 758 x 6,784 using the general rule.

Clearly, one factor is three digit number and other is four digit number. So, we round off first factor to nearest hundreds and second to nearest thousands.



1. Insert commas suitably and write the names according to Indian system of Numeration:

i. 87595762 ii. 8546283 iii. 99900046 iv. 98433

i. 8,75,95,762

Eight crore seventy – five lakh ninety – five thousand seven hundred sixty-two.

ii. 85,46,283

Eighty-five lakh fory-six thousand two hundred eight -three

iii. 9,99,00,046

Nine crore ninety nine forty - six

iv. 9,84,32,701

Nine crore eighty – four lakh – two thousand seven hundred one.

2. Match the expression in column I with their values in column II.

Column I	Column II
1. Six hundred four mullions three hundred three thousand four	a. 550
hundred six	0 0
2. Six crore four lakh thirty three thousand four hundred six	b. 640
3. XLV	c. 500
4. CDV	d. 600



7. Estimated value of 642 to the nearest hundredsg. 48. Estimated value of 642 to the nearest tensh. 4	45 405
7. Estimated value of 642 to the nearest hundreds g. 4	45
6. Estimated value of 548 to the nearest hundreds f. 6	604,303,406
5. Estimated value of 548 to the nearest tense. 6	6,04,33,406

1.f	2. e	3. g	4. h
5. a	6. c	7. d	8. b

3. Insert commas suitably and write the names according to international system of

Numeration.

i 78021002	ii 7452283	iii 99985102	iv 18019831
1. /0921092	11. 7452265	III. 9990010Z	10.40049031

i. 78,921,1092

Seventy - eight million nine hundred twenty - one thousand ninety-two.

ii. 7,452,283

Seven million four hundred fifty -two thousand two hundred eight- three.

iii. 99, 985, 102

Ninety - nine million nine hundred eighty-five thousand one hundred two.

iv. 48,049,831

Forty - eight million forty - nine thousand eight hundred thirty - one

4. Write in expanded form:

i. 3,08,927	ii. 24,0	5,609	iii. 5,36,18,493	iv. 6,06,06,006
v. 9,10,10,510				
i. 3,08,927	=	(3 <mark>x</mark> 100000)	+ (8x 1,00 <mark>0)</mark> + (9 x	(100) + (2x10) + (7x1)
ii. 24,05,609	=	(2 <mark>x</mark> 1000000	0) + (4 x 1 <mark>000</mark> 00) ·	+ (5x1000) = (6x 100) + (9x1)
iii. 5,36,18,493	=	(5 <mark>x1</mark> 0000000) + (3x100 <mark>00</mark> 00) +	(6x100000) + 1 x 10000) +
		(8 <mark>x1</mark> 000) + (4	x100) + (9 <mark>x1</mark> 0) + (3	3x1)
iv. 6,06,06,006	=	(6 x 1000000	0) + (6 x 100000)	+ (6x 1000) + (6x1)
v. 9,10,10,510	= 0	(9x 1000000	0) + (1x1000000) +	(1 x 10000) + (5x100) +
Hext	. 3	(1 x 10)	alion (Ochool



5. Arrange the following numbers in ascending order;

i. 10,23,45,694,83,54,208,65,39,542,6,35,47,21,1,23,45,678

ii. 18,08,090,18,08,088,1,8,888,1,90,909,1,60,60,666

- Out of given numbers, we see that there are one 9 digit number, two 8 digit numbers and two 7 digit numbers.
 - a. So 9 digit numbers is 10,23,45,694.
 8-digit numbers are 6,35,47,201, and 1,23,45,678

Clearly, 1,23,45,678 < 6,35,47,201 and, 7 digit numbers are:

83,54,208 and 65,39,542

Clearly, 65, 39,542 < 83,54,208.

Hence, the given numbers in ascending order are

65,39,542 < 83,54,208 <1,23,45,678 <6,35,47,201 < 10,23,45,694

ii. Out of given numbers , we see that there are two 6 digit numbers two 7 digit numbers and one 8 digit number.

So, 6 digit number are 1,81,888 and 1,90,909

Clearly 1,81,888, < 1,90,909

7 - digit numbers are 18,08,090 and 18,08,088

Clearly, 18,08,090 > 18,08,088

and, 8 digit number is 1,60,60,666.

Hence, the given numbers in ascending order are 1,81,888 < 1,90,909, 18,08,088

< 18,08,090, < 1,60,60,666

6. Roman off each of the following numbers to nearest hundreds:

i. 7,289 ii. 8,074 iii. 14,627 iv. 4,20,387 v, 28,826

i. In 7,289, the tens digit is 8 > 5

The required rounded number = 7,300.

ii, In 8,074, the tens digit is 7 > 5

The required rounded number = 8,100

iii. in 14,627, the ten's digit is 2 < 5.

The required rounded number = 14,600

iv. in 4,20,387, the tens digit is 8 > 5.

The required rounded number = 4,20,400

v. in 28,826, the tens digit is 2 < 5.



The required rounded number = 28,800.

7. Estimate the following products using general rule:

i. 578 x 161 ii. 5,281 x 3, 491 iii. 1,291 x 592 iv. 9,250 x 29

i. Clearly, both the factors are three digit number, so we round off both the factors to nearest hundreds.

Here, 578 rounds off to 600 and 161 rounds off to 200

600 <u>x 200</u> 000 000 x <u>1200 xx</u> <u>120000</u>

Estimated product = 1,20,000.

ii. Clearly, both the factors are four digit numbers, so we round off both the factors to

nearest thousands.

Here, 5,281 Rounds off to 5,000 and 3,491 rounds off to 3,000

So

Now,

	5000	
<u>×</u>	3000	
(0000	
00	000 x	
<u>1500</u>	<u>00 xx</u>	
1500	00000	
Estimated product	= 1,50,0	0000.

iii. Clearly, one factor is three digit number and other four digit number so we round off both the factors.





iv. here, one factor is four digit number and other two digit number, so we round off both the factors.

Here, 9,250 rounds off to 9.300 and 29 rounds off to 30



795 rounds off to 800



9 x 795 = 10 x 800 = 8000 Required estimation = 8,000

- v. 87 rounds off to 90
 - 317 rounds off to 300
 - 87 x 31 = 90 x 300 = 27,000

9. Express each of the following as a Roman numeral:

87 x 31 =	90 x 300 = 27,000			
Requ	ired estimation = 2	7,000		
ress each of	the following as a F	Roman numeral:		
i. 164	ii. 226 iii.	596	iv. 759	
i. 164 =	100 + 60 + 4			
	CLXIV			
ii. 226 =	200 + 20 + 6			
=	ссххи			
iii. 341 =	300 + 40 + 1			
	CCCXLI			
iv. 596 =	500 + 90 + 6			
=	DXCVI			
V. =	700 + 50 + 9			
=	DCCLIX			

10. Write each of the following as a Hindu – Arabic numeral:

i. XXXIV		ii. LI V	iii. CCLXV	iv. CDLXIV	v. DCCLXVI
i. XXXIV	=	30 + (5 – 1)			
	=	30 + 4 = 34			
ii. LI V	=	50 + (5 – <mark>1)</mark>			
	=	50 + 4 = <mark>5</mark> 4			
iii. CCLXV	=	300 + 50 <mark>+</mark> 10	D + 5		
		300 + 65 = 3	65		
iv. CDLXIV	=	400 + 50 10 -	+ (5 - 1)		\sim 0 0
96	2750	460 + 4 = 46	4erali	ion	Dchool
v. DCCLXVI	=	500 + 200 +	60 + (5 + 1)		
	=	700 + 60 + 6	= 766		



1. Estimate each of the following by rounding off each number of nearest tens ;

a. 11963 – 9369 b. 76877 – 7783	c. 10732 – 4354 d. 78203 – 16407
a. We have , 11963 - 9369	
Rounded off 11963 to nearest t	ens = 11960
And rounded off 11963 to near	est tens = 9370
So, estimated difference = 11	960 - 9370 = 2590
b. We have , 76877 - 7783	
Rounded off 76877 to nearest ten	5 = 76880
And rounded off 7783 to nearest t	ens = 7780
So, estimated difference = 76880	- 7780 = 69100
c. We have, 10732 - 4354	
Rounded off 10732 to nearest tens	= 10730
and rounded off 4354 to nearest te	ns = 4350
so, estimated difference = 10730 -	4350 = 6380.
d. We have, 78203 - 16407	
rounded off 78203 to nearest tens	= 78200
and rounded off 16407 to nearest t	ens = 16410
so, estimated difference = 78200	- 16410 = 61790
2. Estimate each of the following products by	rounding off each number of nearest tens;
a. 87 x 32 b. 311x113	c. <mark>3</mark> 239 x 28 d. 1385 x 789
a. We have , 87 x 32	
Rounded off 87 to nearest tens	= 90
And rounded off 32 to nearest	tens = 30
So, estimated product =90 x 3	0 = <mark>27</mark> 00
b. We have, 311 x 113	
Rounded of 311 to nearest tens	= 310
And rounded off 113 of nearest	tens = 110
So, estimated product = 310 x 1	10 = 34100.
c. We have, 3239 x 28	ration Ochool

Rounded off 3239 to nearest tens	= 3240
And rounded off 28 to nearest tens	= 30
So, estimated product = 3240 x 30	= 97200



d. We have, 1385 x 789

Rounded off 1385 to nearest tens	= 1390
And rounded off 789 to nearest tens	= 790
So, estimated product = 1390 x 790	= 1,098,100.

3. Estimate each of the following by rounding off each number to nearest hundreds

a. 874	4 + 478 b. 793 + 397 c. 11244 + 3	507 d. 17677 + 13589
а.	We have, 874 + 478	
	Rounded off 874 to nearest hundreds	= 900
	And rounded off 478 to nearest hundreds	= 500
	So, estimated sum = 900 + 500	= 1400.
b.	We have, 793 + 397	
	Rounded off 793 to nearest hundreds	= 800
	And rounded off 397 to nearest hundreds	= 400
	So, estimated sum = 800 + 400	= 1200.
C.	We have, 11244 + 3507	
	Rounded off 11244 to nearest hundreds	= 11200
	And rounded off 3507 to nearest hundreds	= 3500
	So, estimated sum = 11200 + 3500	= 14700
d.	We have, 17677 + 13589	
	Rounded off 17677 to nearest hundreds	= 17700
	And rounded off 13589 to nearest hundreds	= 13600
	So, estimated sum = 17700 + 1 <mark>36</mark> 00	= 31300.

4. A mobile number consists of ten digits. The first four digit of the number are 9,9,8 and 7. The last three digits are 3,5 and 5. The remaining digits are distinct and make the mobile number, the greatest possible number. What are these digits?

Given , first four numbers	= 9,9,8 an <mark>d</mark> 7			
And last three numbers	= 3,5 and 5			
Greatest possible mobile num	iber = 9987642355	\sim 0 0		
A mobile no. consists of 10- digits)				
Hence, the remaining digits are 6,4 and 2.				



5. For making 16 shirt, 44 metres of cloth is needed. How much cloth in required for each shirt?





Number of required slabs

$$= \frac{Area of the floor}{Area of one slab}$$
$$= \frac{450 \times 300}{150 \times 150} = 6$$

Hence, the number of slabs is required 6.

2. There was a stock of 17380200 quintal of wheat in a godown ofteh food corporation of india. Out of this stock, 2756744 quintal of wheat was sent to Delhi and 4863108 quintal to UP.

How much is the balance stock now?

We have.

Total sock of wheat Quantity of wheat sent to Delhi Quantity of wheat sent to UP Total Quantity of wheat taken out of the godown Balance stock of wheat in godown

17380200 quintal

- 2756744 quntal
- 4863108 quintal

=2756744 + 4863108 = 7619852 quintal

- = (17380200 7619852)
- = 9760348 quintal

Hence, 9760348 guintal balanced stock wheat in godown

3. Find the sum of greatest and the smallest six - digit numbers formed by digits 2,0,4,7,6,3, using each digit only once.

Given digits are 2,0,4,7,6,3.

Using each digit only once.

The greatest six -digit number is 764320.

The smallest six- digit number is 203467.

Now, Sum of these numbers =764320 + 203467 = 967787

4. A box contains 50 packets of biscuits, each weighing 120 g. How many such boxes can be

loaded in a van, Which cannot carry beyond 900 kg?

- Given, total number of packets = 50
- Weight of each packet

Weight of a box = 50 x 120g = 6000 g = 6 kg

1000 g Required number of boxes = $\frac{900}{6}$ = 150

5. Reshma's school is $\frac{8}{10}$ km away from her house. Daily she walks a distance and then takes a bus to travel $\frac{1}{2}$ km to reach the school.

= 120 g

= 1 kg



- a. How far doe she walk?
- b. Why she walk some distance daily?
 - a. Distance between her house to the school = $\frac{8}{10}$ km

Distance covered by bus

She walks distance

 $= \left(\frac{8}{10} - \frac{1}{2}\right) = \frac{8-5}{10} = \frac{3}{10} \text{ km}$ $= \frac{3 \times 1000}{10} = 300 \text{ m}$

 $=\frac{1}{2}$ km

b. She walk some distance daily, because

i. its strengthen her heart.

ii. its lower disease risk.

iii. it keeps her weight balance.

6. India population has been steadily increasing from 439 millions in 1961 to 1028 millions in 2001. Find the total increase in population from 1961 to 2001. Write the increase in population I ndian system of numeration, using commas suitably.

Given, population of India in 1961 = 439 millions = 439 x 1000000 = 43900000 [1 million = 1000000] And population of India in 2001 = 1028 millions = 1028 x 1000000 = 102800000 [1 million = 1000000] Total increase in population from 1961 to 2001 = Population in 2001 – population in 1961 = 102800000 - 43900000 = 58900000 589 x 1000000 = 589 millions So, the increase population in Indian system of numeration = 58,90,00,000 7. A person had ₹10,00,000 with him, he purchased a colour TV for ₹16580 a motorcycle for ₹45, 890 and a flat for ₹8.70.000 How much money was left with him?

Given , total money	= ₹ 10,00,000
Money spent on a colour TV	= ₹16,580
Money spent on a motorcycle	nev = ₹45,890 Ochool
And money spent on a flat	= ₹8,70,000
Total amount spent	= 16,580 + 45,890+ 8,70,000
	= ₹9,32,470



Money left with him

= 10,00,000 - 9,32,470 = ₹67,530

Hence, ₹67,530 was left him.

8. In a five – digit number, digit at ten's place is 4, digit at unit's place is one fourth of ten's place digit, digit at hundred's place is 0, digit at thousand's place is 5 times of the digit at unit's place and ten thousand's Place digit is double the digit at ten's place. Find the number.

According to the question.

Digit at ten's place	= 4
Digit at unit's place	$=\frac{1}{4}$ of ten's place digit $=\frac{1}{4} \times 4 = 1$
Digit at hundred's place	= 0
Digit at thousand's place	= 5 x Digit of unit's place
	= 5 x 1 = 5
Digit at ten thousand's place	= 2 x digit of ten's place
	= 2x4 = 8
Required number	= 85041

9. A garment factory produced 216315 shirts, 182736 trouser and 58, 704 jackets in a year.

What is the total production of all the three items in that year?

According to the question.		
A garment factory produced shirts	= 2	16315
Produced trousers	= 1	82736
Produced jackets	= 5	8704

Total production of all the three item in that year

= sum of all items
= 216315 <mark>+</mark> 182736 + 58704 = 457755

Hence, the total production of all the three items in that year is 457755.

