2 NUMBERS

Ravi and his friends are playing cricket.

See the following table and answer the following questions:

Player	Runs
Ravi	45
Neelima	24
Geetha	34
Saleem	20
Keshav	20
Mahesh	95
Madhu	84
Rama	17

(A) How many runs did Ravi score?

(B) What is the highest score given in the table?

(C) How many players made runs above 50?

(D) How many players made runs below 50?

(F) How many players scored the least?

(G) How many players scored between 20 and 40?

1. (A) Write any 5, two-digit numbers that can be formed using 6, 8 and 9.

(B) Write the largest number?

(C) Write the smallest number?

(D) Write the above numbers in ascending order (from smallest to biggest).

2. Circle the number nearest to the given number.

Example :	**62**	**60**	**70**	**80**
(A)	49	20	50	60
(B)	32	30	10	40
(C)	89	80	90	60
(D)	74	60	70	80

3. Write the following numbers in expanded form.

Example : 35 = 30 + 5

(A) 25 =

(B) 49 =

(C) 34 =

(D) 48 =

4. Write the following numbers.

Example : 20 + 9 = 29

(A) 50 + 4 =

(B) 30 + 0 =

(C) 20 + 6 =

(D) 60 + 7 =

How many bricks?

Mayuri's father told her to count the bricks in their yard. She started counting ... one, two, three ...

Soon she made a mistake and had to begin again.

Father: Why do you not count in groups?

Mayuri : What do you mean?

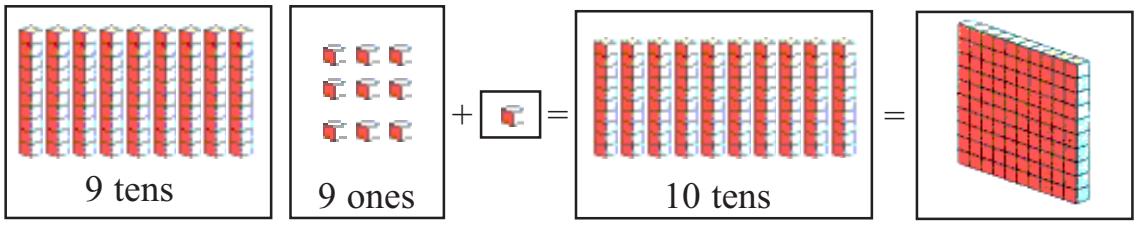
Father : Take 5 at one time and count like 5, 10, 15 .....

Mayuri : Let me take groups of 10.

Mayuri grouped bricks into 10's and started counting .... 10, 20, 30, 40, 50, 60, 70, 80, 90. She said "Papa there are 90 here and 9 more, a total of 99 bricks. If you give me one more brick, the last column would also contain ten bricks".

How many bricks will Mayuri have then? She would have hundred bricks.

Three-digit numbers



If we add 1 to 99 we get 100.

How many tens are there in 100?

100 = 10 tens

How many ones are there in 100?

100 = 100 ones

99 is the biggest two-digit number.

The first number with 3 digits is 100. This means that 100 is the smallest number with 3 digits.

What happens when you add 1 to 100?

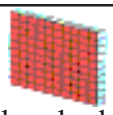
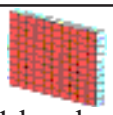
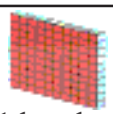
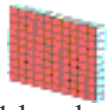
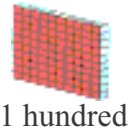
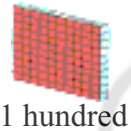
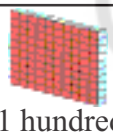
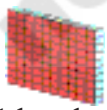
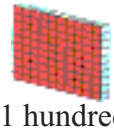
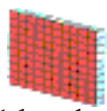
What would happen if you add 10 to 100?

What would happen if you add 100 to 100?

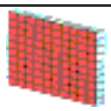
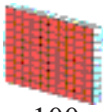
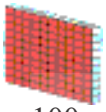
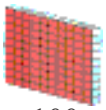
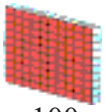
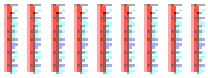
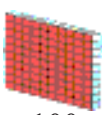
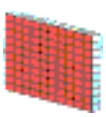
Think about these questions as you do the next task.

Numbers beyond 100

1. Fill the empty boxes according to the pictures.

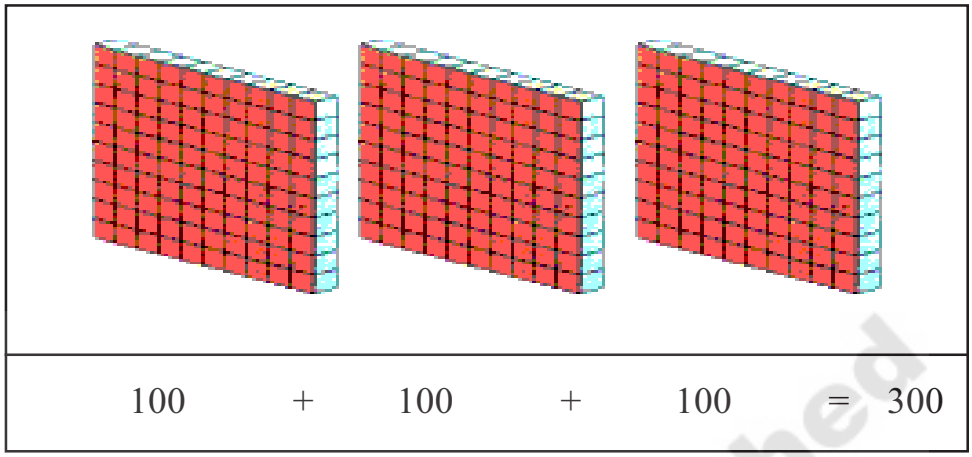
 hundreds	 tens	ones		
 1 hundred		1 one	100 + 1	101
 1 hundred		2 ones	100 + 2	102
 1 hundred		3 ones	100 + 3	
 1 hundred		4 ones		104
 1 hundred			100 + 5	105
 1 hundred		6 ones	100 + 6	
 1 hundred		7 ones		107
 1 hundred		8 ones		
 1 hundred		9 ones		
 1 hundred	 1 ten		100 + 10	110

2. Fill the empty boxes according to the pictures.

 100	 10		
 100	 10	100 + 10	110
 100	 20	100 + 20	120
 100	 30	100 + 30	
100	40		140
100		100 + 50	
	60	100 + 60	
			170
			180
 100	 90		
 100	 100	100 + 100	200

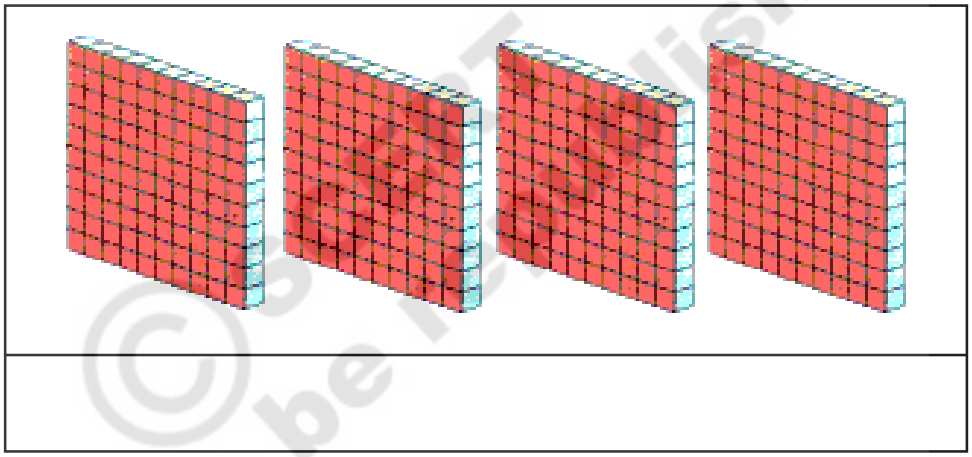
3. Count the hundreds.

Example :

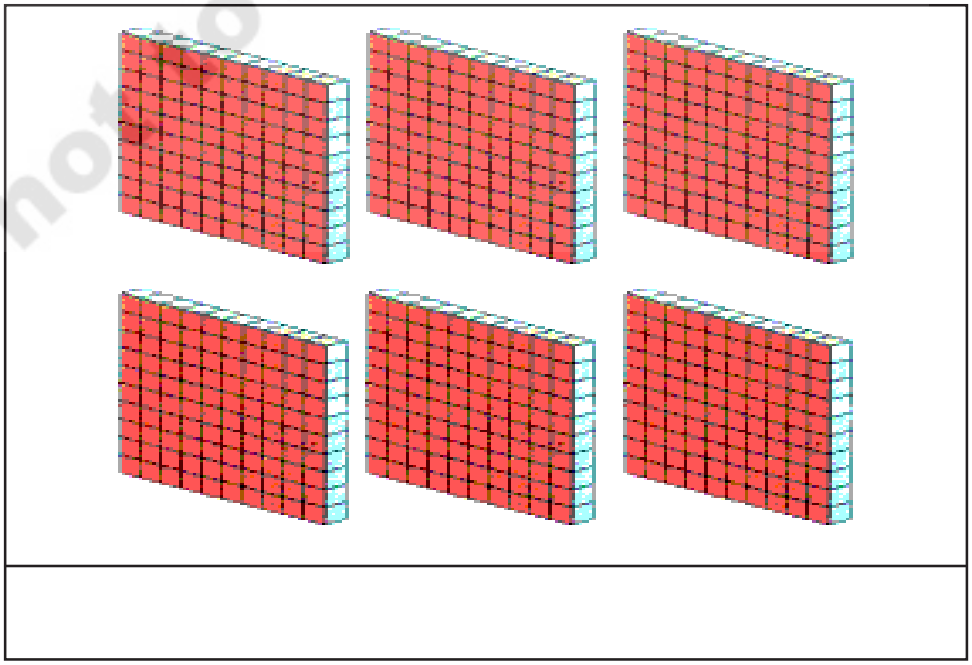


100 + 100 + 100 = 300

(A)

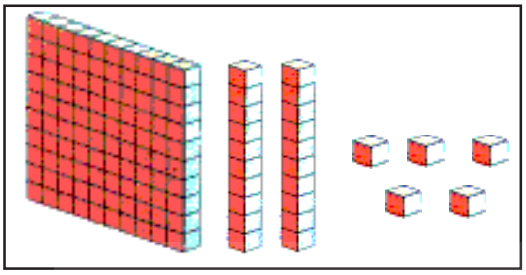


(B)



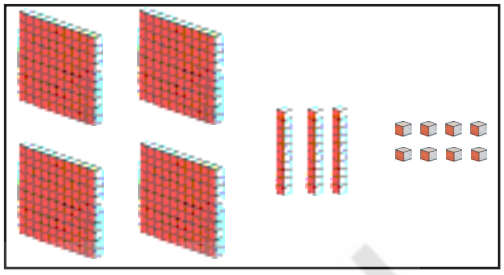
4. Count the hundreds, tens and ones and write the correct number in the boxes below the pictures.

Example :



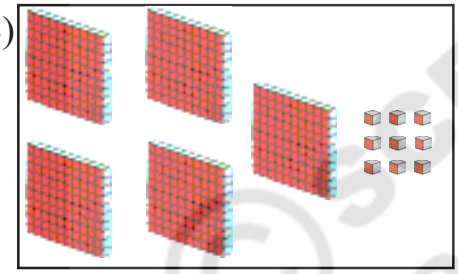
100	10	1	Number
1	2	5	125

(A)



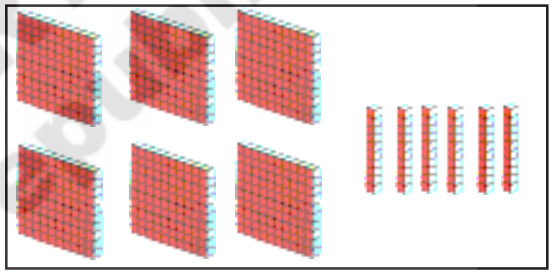
100	10	1	Number

(B)



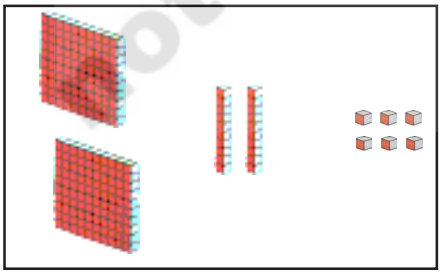
100	10	1	Number

(C)



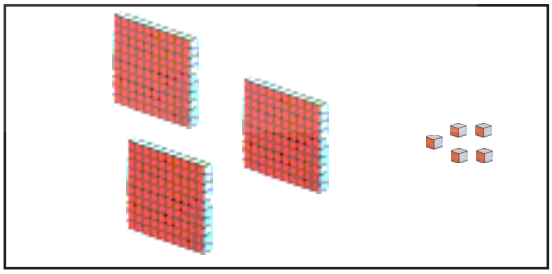
100	10	1	Number

(D)



100	10	1	Number

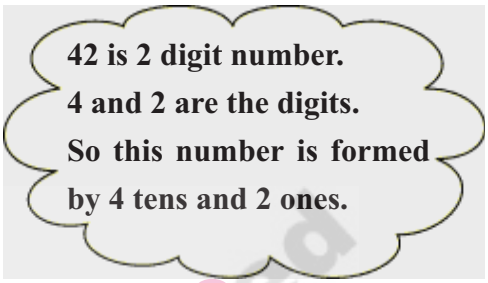
(E)



100	10	1	Number

5. Identify the one-digit, two-digit and three-digit numbers in the grid given below and write them in the table.

42	315	9	54	165	240
26	8	143	7	289	20
462	34	88	96	15	431
3	73	102	4	66	1



One digit numbers	Two digit numbers	Three digit numbers

Ravi says that 20 is a one-digit number as it has a zero and zero has no value. Kanta says that 20 is made up of 2 digits 2 and 0. 0 in the ones place has meaning and means 'no ones'. Do you agree with Ravi or Kanta?

What is the value of zero in 101?

6. Write the correct number in blank boxes.

91	92	93				97		99	
101	102						108		110
			114						120
		123							
131									
					146				
				155					
161									
				175					
					186				
						197			
201								209	

See the table above and answer the following questions. Write your answer in both words and numbers.

(A) What is the starting number in the table? .....

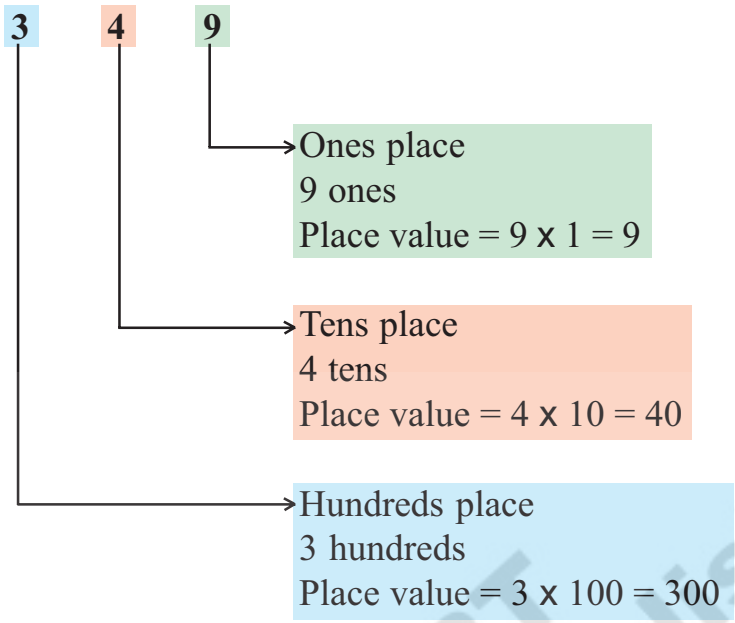
(B) What is the number after 197? .....

(C) What is the number before 161? .....

(D) What is the number between 149 and 151? .....

(E) What is the last number in the table? .....

See and understand



Think!
If a number has zero at any place what will be the place value of zero?

Now, see the table

Number	100	10	1	Place value of 4
4			4	4
42		4	2	40
425	4	2	5	400

As we move to the left in a number, the place value keeps increasing.

1. Circle the correct numbers.

Example :	**5 in the tens place**	**574**	**456**	**235**	**165**
(A)	6 in the ones place	: 126	761	621	176
(B)	3 in the hundreds place	: 27	361	399	939
(C)	8 in the tens place	: 828	108	811	880

2. Give the place value of the underlined digit.

Example : 674 : 6 x 100 = 600

(A) 256 : _____ (B) 390 : _____

(C) 786 : _____ (D) 626 : _____

(E) 301 : _____ (F) 691 : _____

3. Write the numbers.

(A) A number with 5 in ones place, 2 in tens place and 7 in hundreds place.

(B) A number with 8 in tens place, 0 in ones place and 4 in hundreds place

(C) A number with 7 in hundreds place, 1 in tens place and 0 in ones place.

(D) A number with 7 in ones place, 2 in hundreds place and 5 in tens place.

4.  Bicku and Lata are playing with the numbers table in question 6 in page 21. You can also join. 

Bicku : What is the first number in second row?

Lata : What is the number between 144 and 146?

Biku : What is the number after 177?

Lata : What is the number before 200.

Bicku : What is the number 5 boxes after 162.

Lata : What is the number 4 boxes before 165.

Bicku : What is the number in the box above 155.

Lata : What is the number in the box below 186.

Bicku : From where should you start, if you reach 138 on counting 3 boxes.

Bricks in groups

Bricks have been brought to Mayuri's house by truck and arranged in rows of 10, as given below-

Mayuri started counting the bricks in groups. She first counted 100 bricks in each of the two bottom most groups. In the other groups she found 70 bricks, with 10 bricks in each group. 4 bricks were left lying on top. She counted the bricks in the following way :

Groups of 100 bricks	Groups of 10 bricks	Bricks left	Total number of bricks
2	7	4	200 + 70 + 4 = 274

1. The bricks are arranged in groups as shown above. Count the total number of bricks.

Groups of 100 bricks	Groups of 10 bricks	Remaining bricks	Total number of bricks
5	8	9	
6	0	2	
7	5	0	

2. See the following table. Arrange the total number of bricks in groups as shown in example.

Total number of bricks	Groups of 100 bricks	Groups of 10 bricks	Bricks left
185	1	8	5
625			
378			
209			
430			

In Thimapur school four children have written the number 237 on a black board in different ways-

Venu → 2 hundreds + 3 tens + 7 ones.

Soni → 200 + 37

Sangeeta → 200 + 30 + 7

Raziya → 100 + 100 + 30 + 7

Have all the four children written correctly?

See the following example

Example : 237 = 2 hundreds + 3 tens + 7 ones

= 2 x 100 + 3 x 10 + 7 x 1

= 200 + 30 + 7

This is called the expanded form of 237.

Can you write 198 in all these different ways?

3. Write the correct digit of the place mentioned in the blank boxes.

Example : 927 = 9 Hundreds + 2 Tens + 7 Ones

(A) 769 = ☐ Hundreds + ☐ ns + ☐

(B) 126 = ☐ Hundreds + ☐ ns + ☐

(C) 407 = ☐ Hundreds + ☐ ns + ☐

(D) 679 = ☐ Hundreds + ☐ ns + ☐

(E) 223 = ☐ Hundreds + ☐ ns + ☐

4. Write the following numbers in expanded form.

Example : 126 = 100 + 20 + 6

(A) 325 = _____ + _____ + _____

(B) 446 = _____ + _____ + _____

(C) 609 = _____ + _____ + _____

(D) 518 = _____ + _____ + _____

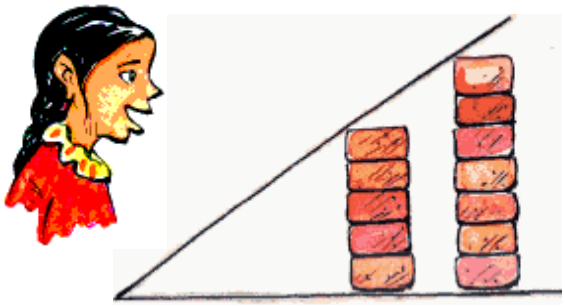
(E) 720 = _____ + _____ + _____

5. Circle the correct number as shown in the example.

Example :	200 + 4	24	42	(204)
(A)	400+20+3	324	423	420
(B)	500+60	506	650	560
(C)	800+80+8	850	888	880
(D)	700+5	705	750	570
(E)	40+0	440	44	40

Which is greater, which is lesser?

Mayuri arranges bricks like this. See and tell, which is greater and which is lesser.

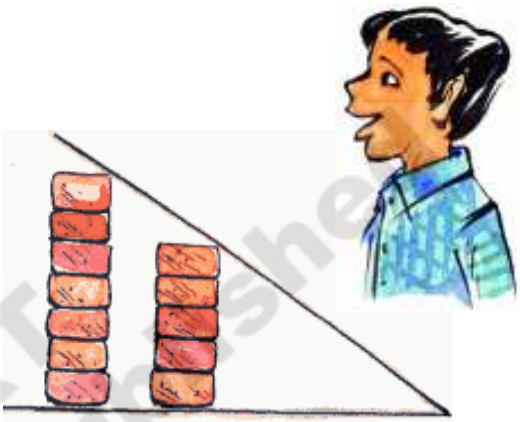


5 bricks 7 bricks

5 bricks are less than 7 bricks.

It means 5 is less than 7.

It is shown as $5 < 7$.



7 bricks 5 bricks

7 bricks are more than 5 bricks.

It means 7 is greater than 5.

It is shown as $7 > 5$.

2 bricks 2 bricks

Here, the number of bricks is equal.

It means 2 is equal to 2.

It is shown as $2 = 2$.

Mayuri asked her friend to form 2 two-digit numbers using 5 and 7. She asked which is greater, which is lesser ? Can you help Mayuri's friend?

The numbers formed using the digits 5 and 7 are 57 and 75

57 = ☐ tens and ☐ ones

75 = ☐ tens and ☐ ones

Now, put the appropriate symbol- 57 ☐ 75

Do This

1. Write the correct symbol >, <, = in the blank boxes.

Example : 35 < 53 | 53 = 53 | 53 > 35

(A) 86 ☐ 68

(B) 27 ☐ 72

(C) 68 ☐ 68

(D) 89 ☐ 75

> is greater than

< is less than

= is equal to

2. The three-digit numbers formed using 2, 6 and 7 are 267, 276, 627, 672, 726, 762. Can you write the hundreds, tens, ones in these numbers?

(A) 267 = ☐ Hundreds ☐ Tens ☐ Ones

(B) 276 = ☐ Hundreds ☐ Tens ☐ Ones

(C) 627 = ☐ Hundreds ☐ Tens ☐ Ones

(D) 672 = ☐ Hundreds ☐ Tens ☐ Ones

(E) 726 = ☐ Hundreds ☐ Tens ☐ Ones

(F) 762 = ☐ Hundreds ☐ Tens ☐ Ones

3. Write which is greater, which is lesser.

(A) Between 267 and 276, which is lesser ☐

(B) Between 627 and 672, which is greater ☐

(C) Between 726 and 762, which is lesser ☐

(D) Between 267 and 627, which is greater ☐

(E) Between 762 and 672, which is lesser ☐

4. Write the correct symbol >, <, = in the blank boxes.

Example : 189 < 678 205 = 205 126 > 75

(A) 275 ☐ 725 (B) 853 ☐ 624

(C) 47 ☐ 374 (D) 605 ☐ 506

(E) 137 ☐ 73 (F) 199 ☐ 199

5. Circle the greatest number in the following.

Example :	57	67	97
(A)	35	43	102
(B)	404	444	440
(C)	820	822	828
(D)	42	24	41
(E)	147	141	174

6. Arrange the following numbers in ascending order.

Example : 64, 35, 79, 84 Ascending order : 35, 64, 79, 84

(A) 84, 79, 85, 105

(B) 106, 110, 155, 143

(C) 89, 178, 254, 675

Ascending order means arranging numbers from smallest to biggest

7. Arrange the following numbers in descending order.

Example : 48, 57, 95, 34 Descending order : 95, 57, 48, 34

(A) 77, 156, 198, 256

(B) 184, 295, 154, 695

(C) 259, 654, 794, 385

Descending order means arranging numbers from biggest to smallest

8. Some numbers are given here. Circle the range that the number lies in.

Example :	885 :	800–850	850–900	750–800
	98 :	80–90	90–100	100–110
	632 :	600–650	650–700	700–750
	304 :	250–300	300–350	350–400
	287 :	200–250	250–300	300–350
	945 :	800–900	900–999	400–500

9. Do the following.

(A) Write all possible three-digit numbers using 4, 6, 9.

(B) Write all possible numbers with 5 in the units place between 50 and 150.

(C) Write all possible numbers between 800 and 900 which have 6 in the tens place.

10. Form the greatest and smallest 3-digit number using the digits given below.

		Greatest number	**Smallest number**
(A)	9, 3, 2	_____	_____
(B)	1, 4, 2	_____	_____
(C)	2, 3, 9	_____	_____
(D)	5, 6 ,1	_____	_____
(E)	1, 0 ,8	_____	_____

11. Write the correct numbers in the blank boxes.

(A) 127, 128, 129, _____, _____

(B) 497, 498, 499, _____, _____

(C) 699, _____, _____, 702, 703

(D) 99, _____, _____, _____, 103

(E) 997, 996, 995, _____, _____

12. Write the following numbers as shown in the example.

Example : Four hundred and twenty five : 425

(A) Nine hundred and seven : _____

(B) Eight hundred and forty two : _____

(C) Six hundred and thirty : _____

(D) Two hundred and ninety four : _____

(E) Five hundred and fifty five : _____

13. Write the given numbers in words.

Example : 549 : Five hundred and forty nine

(A) 604 :_____

(B) 858 :_____

(C) 985 :_____

(D) 684 :_____

(E) 450 :_____