

Form the smallest and the greatest numbers. Do in book and copy.

CHECKPOINT!

	smallest number	greatest number
1. 0, 2, 1, 7	<u>1027</u>	<u>7210</u>
2. 5, 3, 0, 5	<u>3055</u>	<u>5530</u>
3. 7, 0, 5, 9	<u>5079</u>	<u>9750</u>
4. 8, 9, 6, 0	<u>6089</u>	<u>9860</u>



## MORE THAN, LESS THAN

Rohit is playing with Papa's calculator. He has typed 4326 on it.



What would Rohit get if he adds

- ▶ 1 to 4326?

$$1 \text{ more than } 4326 = 4326 + 1 = 4327$$

- ▶ 10 to 4326?

$$10 \text{ more than } 4326 = 4326 + 10 = 4336$$

- ▶ 100 to 4326?

$$100 \text{ more than } 4326 = 4326 + 100 = 4426$$

- ▶ 1000 to 4326?

$$1000 \text{ more than } 4326 = 4326 + 1000 = 5326$$

4327 is called the successor of 4326. What is the successor of 5326?



## MENTAL MATHS

ENRICHMENT ACTIVITY



To find

Do in book and copy.

1. 1 more than a number, add 1 to the digit in the ones place.
2. 10 more than a number, add 1 to the digit in the tens place.
3. 100 more than a number, add 1 to the digit in the hundreds place.
4. 1000 more than a number, add 1 to the digit in the thousands place.

more than (addition)  
less than (subtraction)

What would Rohit get if he subtracts

- ▶ 1 from 4326?  
1 less than 4326 =  $432\bar{6} - \bar{1} = 4325$
- ▶ 10 from 4326?  
10 less than 4326 =  $432\bar{6} - 10 = 4316$
- ▶ 100 from 4326?  
100 less than 4326 =  $\overset{+}{4}\bar{3}2\bar{6} - 100 = 4226$
- ▶ 1000 from 4326?  
1000 less than 4326 =  $\overset{+}{4}\bar{3}2\bar{6} - 1000 = 3326$

4325 is called the predecessor of 4326. What is the predecessor of 3326?



**MENTAL MATHS**

ENRICHMENT ACTIVITY

To find

Do in book and copy.

1. 1 less than a number, subtract 1 from the digit in the ones place.
2. 10 less than a number, subtract 1 from the digit in the tens place.
3. 100 less than a number, subtract 1 from the digit in the hundred place.
4. 1000 less than a number, subtract 1 from the digit in the thousands place.



**LIFE SKILLS**

100 - 100 = 0

We dial 101 to call the Fire Brigade.

The number 1 less than 101 is 100 We dial this to call the Police.

The number 1 more than 101 is 102 We dial this to call an Ambulance.



101 + 1 = 102

ENRICHMENT ACTIVITY

Fill in the blanks.

Do in book and copy.

CHECKPOINT!

- |                       |             |                        |             |
|-----------------------|-------------|------------------------|-------------|
| 1. 1 more than 256    | <u>257</u>  | 5. 1 less than 307     | <u>306</u>  |
| 2. 10 more than 2138  | <u>2148</u> | 6. 10 less than 679    | <u>669</u>  |
| 3. 100 more than 452  | <u>552</u>  | 7. 100 less than 340   | <u>240</u>  |
| 4. 1000 more than 726 | <u>1726</u> | 8. 1000 less than 3450 | <u>2450</u> |



## FORMING NUMBERS →

FOR EXAMPLE: To form the greatest and smallest 4-digit number by using the digits 2, 0, 7 and 5.

→ Write the digits in descending order → 7, 5, 2, 0  
So, the greatest number = 7520

→ Write the digits in ascending order → 0, 2, 5, 7  
(As '0' at the beginning of a number gives us a 3-digit number)  
So, the smallest number = 2057

## SUCCESSOR AND PREDECESSOR →

Successor and Predecessor are known as after number and before number of a given number respectively.

FOR EXAMPLE: To find the successor and predecessor of 3268

→ Successor =  $3268 + 1 = \underline{3269}$

→ Predecessor =  $3268 - 1 = \underline{3267}$