Primary

MATHEMATICS

(Class-III)

Publication Division

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CONTENTS

NUMBERS UP TO 9999

Let us play with Numbers.

246 — Rohit
862 — Nitya
471 — Deepak
399 — Neha
571 — Vicky
148 — Sonal

1. House numbers of some children are given here. Write the number names of their house numbers in the space provided. The first one is done for you.

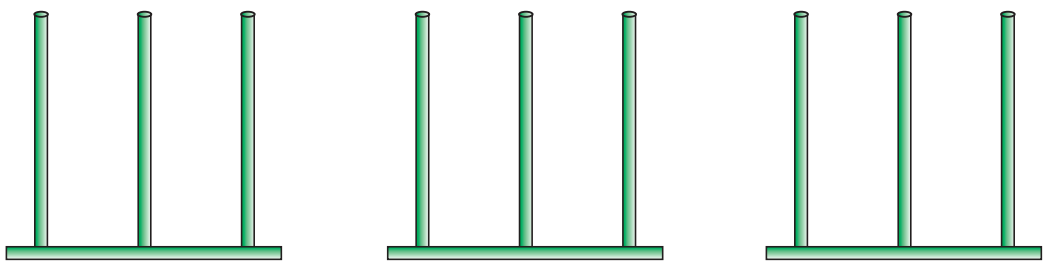| Child Name	House Number	Number Name
(a) Rohit	246	Two hundred forty six
(b) Nitya		
(c) Deepak		
(d) Neha		
(e) Vicky		
(f) Sonal		

2. **Write the house numbers of the following children and arrange them in the ascending order.**

Child Name:	Rohit	Sonal	Nitya	Deepak	Neha
House No.:					

Ascending order: _____

3. **Arrange the house numbers of the following children on the given abacus.**

Names: Rohit   Vicky   Deepak

House No.:

4. **What is one more than the house number of Rohit?**

5. **What is one less than the house number of Deepak?**

6. **How much more is the house number of Vicky than Deepak?**

7. **Find the sum of the house numbers of Sonal and Nitya.**
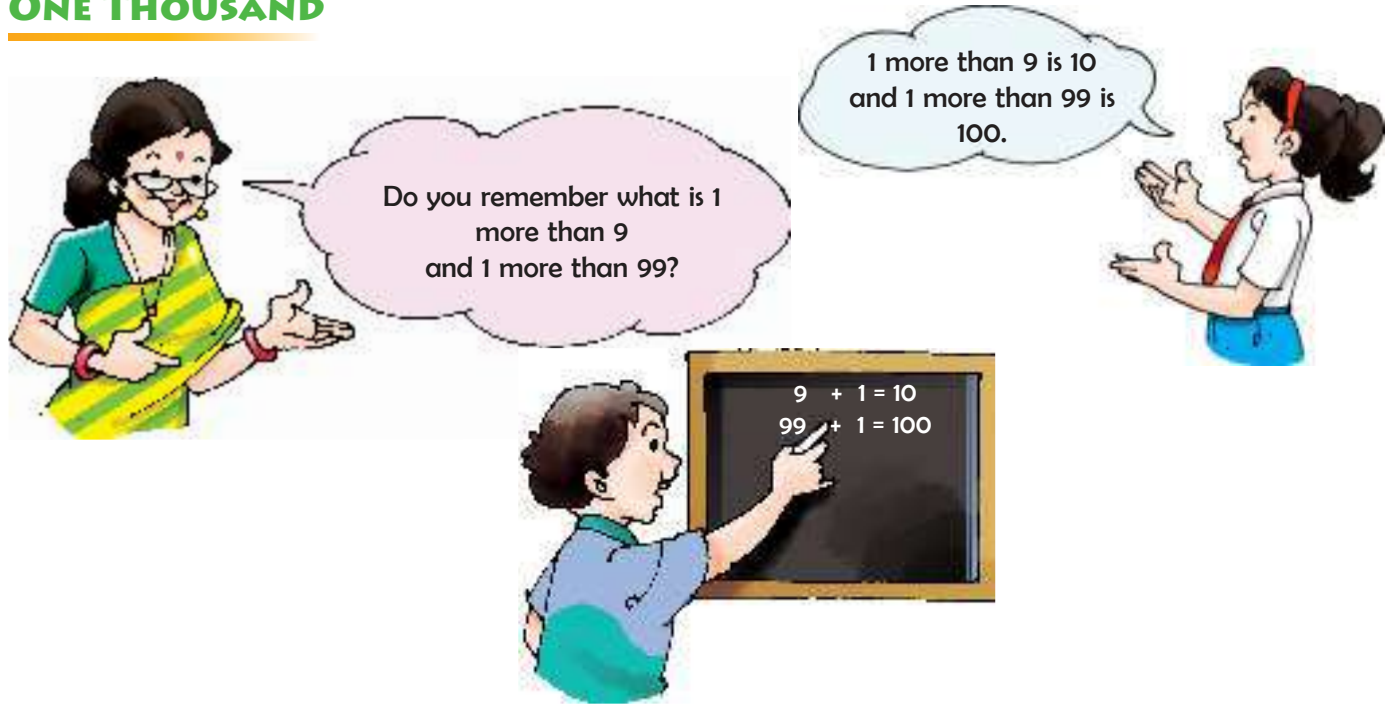
8. **Write the name of the child whose house number is—**

   (a) the smallest.

   (b) the greatest.

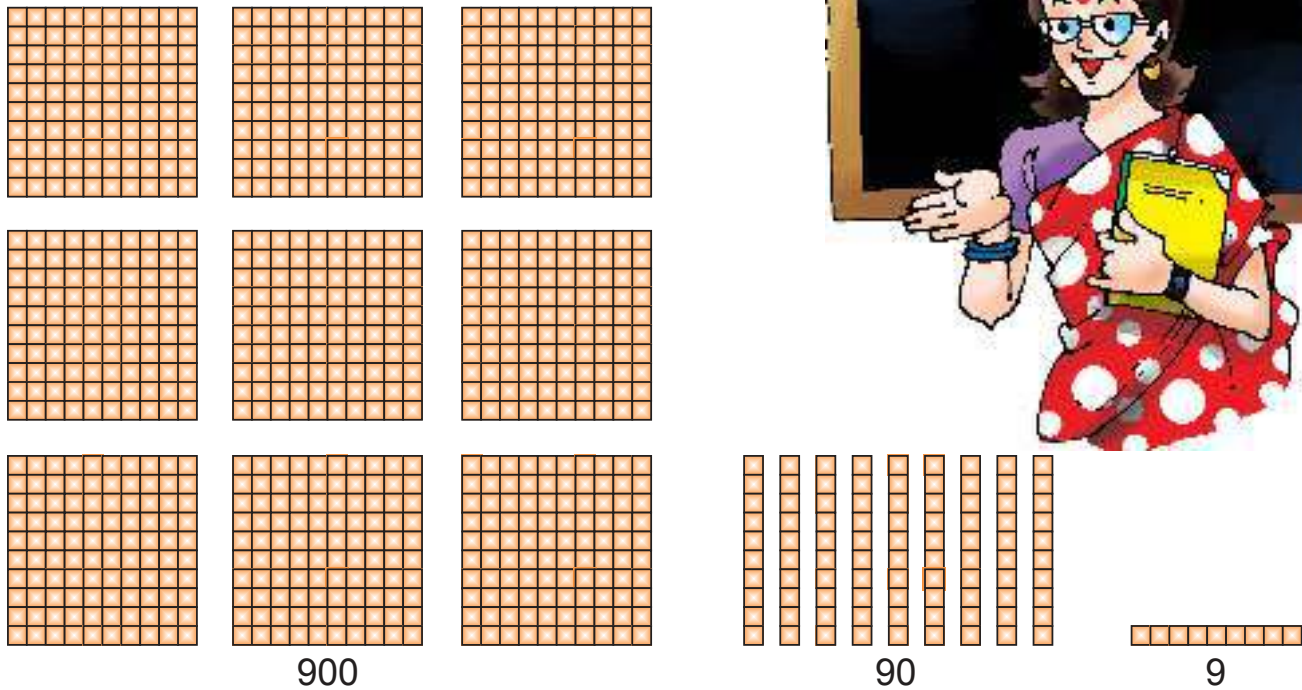   (c) greater than 500 but less than 800.

   (d) between 350 and 450.

One Thousand

Do you remember what is 1 more than 9 and 1 more than 99?

1 more than 9 is 10 and 1 more than 99 is 100.

$9 + 1 = 10$
$99 + 1 = 100$

Now let us see what is 1 more than 999?

If we have **999** blocks....

900   90   9
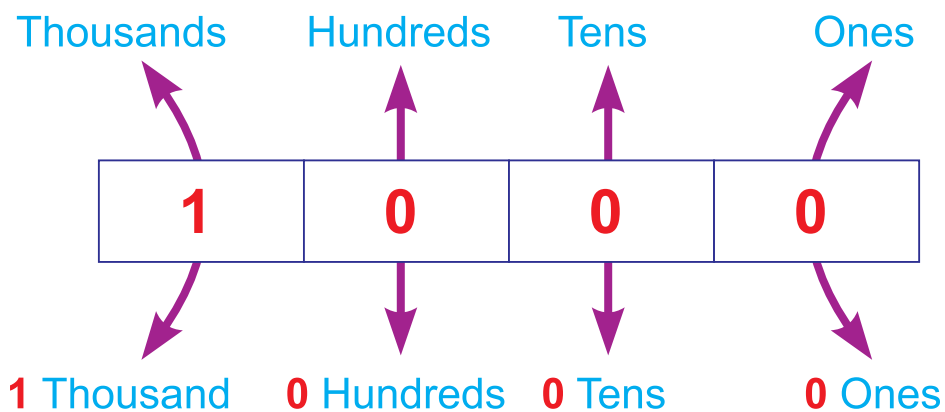
and we add **1** more block, we get **1000** blocks.

999 + 1 = 1000

We read 1000 as One Thousand

3

Count the number of digits in 1000.

The places of the 4 digits in **1000** are—

1000 has **4** digits.

Thousands	Hundreds	Tens	Ones
1	**0**	**0**	**0**

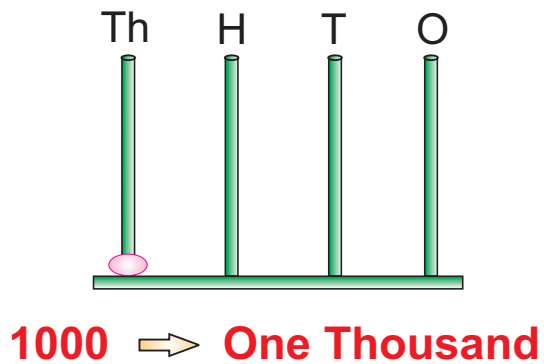**1** Thousand   **0** Hundreds   **0** Tens   **0** Ones
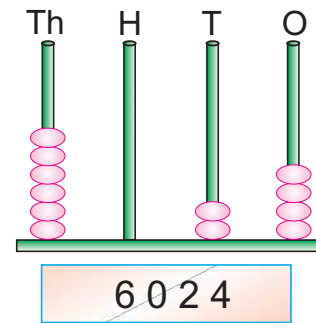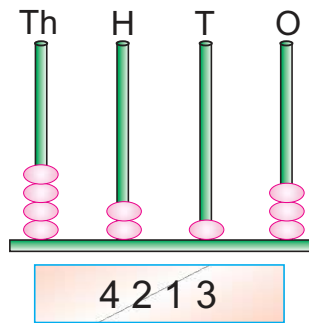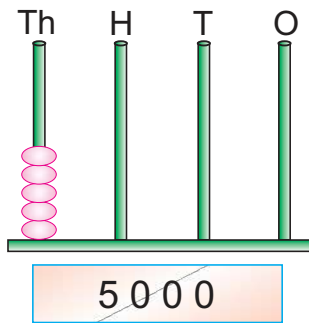
Remember

Ten hundreds

One thousand

10 ones   =   1 ten

10 tens   =   1 hundred

10 hundreds   =   1 thousand

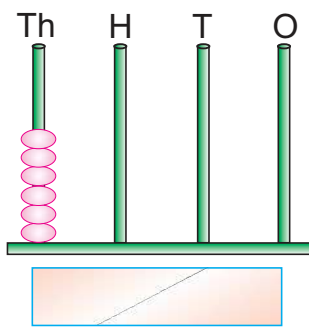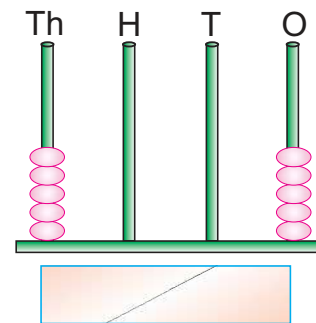**On the abacus, 1000 is shown like this—**

Th   H   T   O

1000 ⇨ **One Thousand**

4

See the representation of some 4-digit numbers on the abacus.

Th	H	T	O

5 0 0 0

Th	H	T	O

4 2 1 3

Th	H	T	O

6 0 2 4

Worksheet 1

1. **What number does the abacus show?**

Th	H	T	O

Th	H	T	O

Th	H	T	O

Th	H	T	O

Th	H	T	O

Th	H	T	O
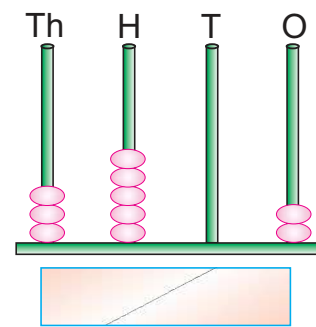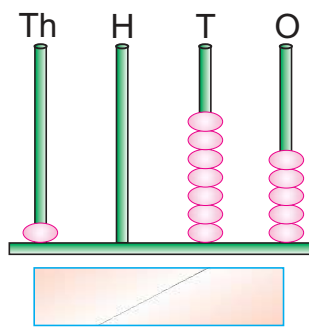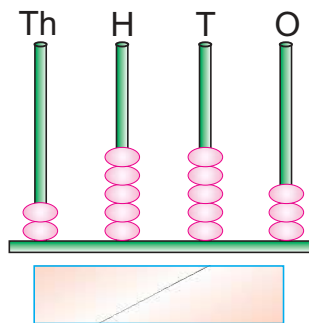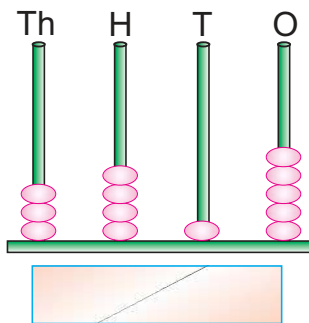
2. **Represent the following numbers on the abacus.**

Th	H	T	O

3 4 2 0

Th	H	T	O

8 0 0 0

Th	H	T	O

7 1 1 1

Greatest And Smallest

I am the greatest.

I am the smallest.

Greatest 1-digit number

$9 + 1 = 10$

Smallest 2-digit number

Greatest 2-digit number

$99 + 1 = 100$

Smallest 3-digit number

Greatest 3-digit number

$999 + 1 = 1000$

Smallest 4-digit number
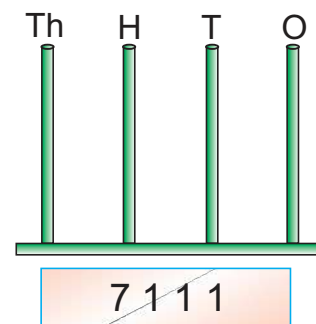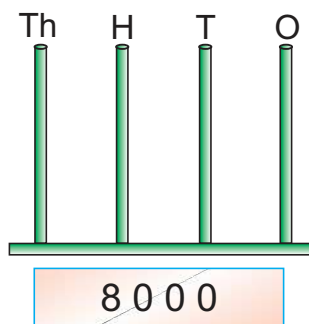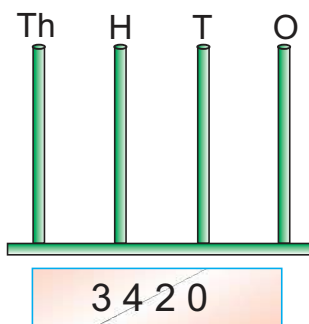
9999 is the greatest 4-digit number.
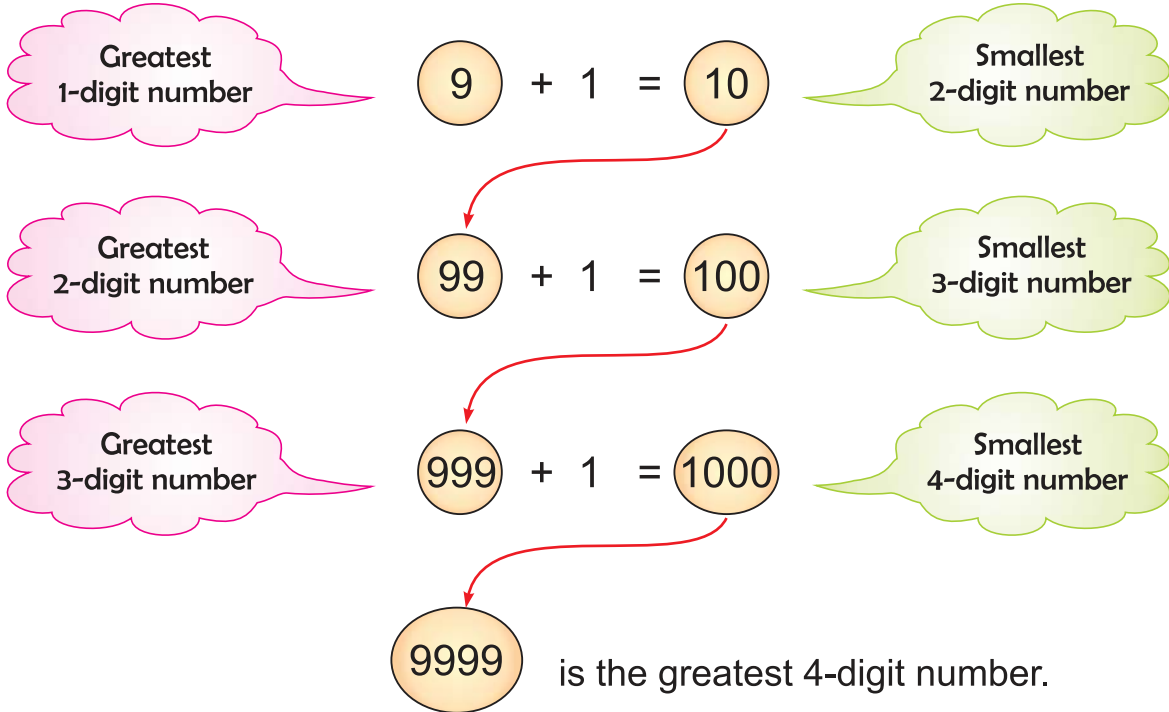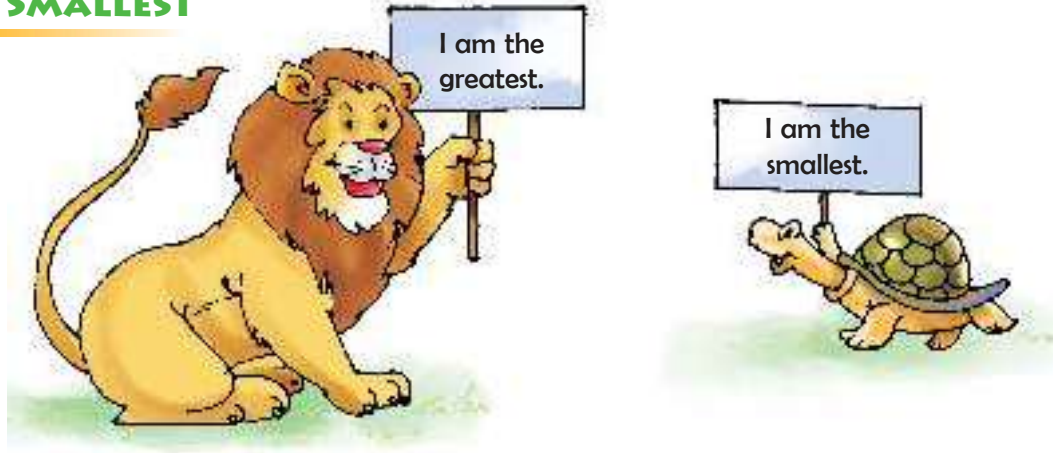
Thus, the greatest 4-digit number is _____

Worksheet 2

1. Fill in the blanks by picking up the correct number from the following box.

9	999	1000	9999	100	10

(a) The smallest 3-digit number is

(b) The smallest 2-digit number is

(c) The greatest 3-digit number is

(d) The greatest 4-digit number is

(e) The smallest 4-digit number is

(f) The greatest 1-digit number is

2. **Which one is greater?**

   (a) Greatest 3-digit number or Greatest 4-digit number.

   (b) Smallest 4-digit number or Greatest 3-digit number.

3. **What is one more than the—**

   (a) greatest 2-digit number?

   (b) greatest 3-digit number?

4. **What is one less than the—**

   (a) smallest 4-digit number?

   (b) smallest 2-digit number?

One more
than 99 =

Now let us read numbers beyond 1000.

I Write   I Read

Numbers	Number Names
1 0 0 0	One thousand
4 0 0 0	Four thousand
6 5 0 0	Six thousand five hundred
7 2 1 6	Seven thousand two hundred sixteen
9 9 9 9	Nine thousand nine hundred ninety nine

One thousand
Four thousand

1000
4000

7

Worksheet 3

1. Read loudly the following numbers.

(a) 2000   (b) 4321   (c) 7701   (d) 2508

(e) 8006   (f) 9998   (g) 7256   (h) 6066

2. Write the number names for the following:

(a) 7000   (b) 7312   (c) 6806   (d) 4509

(e) 9009   (f) 9993   (g) 4356   (h) 2020

3. Write the numerals for the following:

(a) Four thousand five hundred nine   (b) Three thousand six

(c) Five thousand nine hundred fifty   (d) Four thousand eighty nine

(e) Four thousand eight hundred five   (f) Two thousand twenty

(g) Six thousand six hundred sixty six   (h) Nine thousand nine

PLACE VALUE
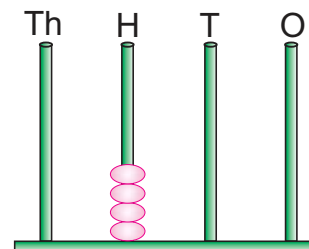
Look at this 4-digit number.

TH   H   T   O

3   (4)   9   6

One of the digits has been encircled.

TH   H   T   O

The value of **4** in   3   (4)   9   6   is **four hundred** or **400.**

On the abacus, the value of 4 is shown as

TH   H   T   O

Similarly, the value of **4** in   (4)   2   9   6   is **four thousand** or **4000.**

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Worksheet 4

1. **Draw the abacus in your notebook and show the value of the encircled digit. Also write the value.**

   (a) 5 8 (2) 4   (b) 9 0 8 (4)   (c) (7) 2 5 3

   (d) 6 6 (4) 2   (e) 1 (3) 2 4   (f) 6 8 (0) 8

2. **Write the value of the encircled digit in the given numbers.**

   (a) (7) 7 9 6   (b) 3 4 (8) 0   (c) 1 (8) 9 6

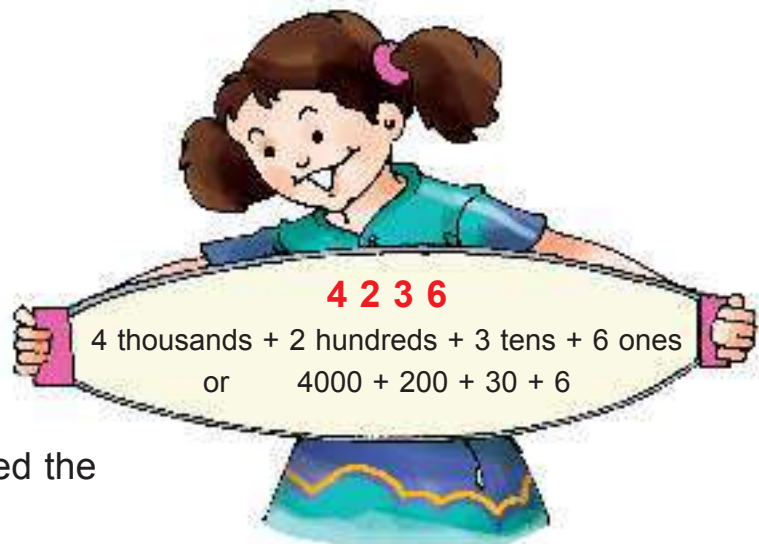   (d) 8 9 4 (3)   (e) 2 1 6 (0)   (f) 2 (5) 0 3

EXPANDED FORM

See how Neha writes the number giving the details of the place value as well.

4 2 3 6

4 thousands + 2 hundreds + 3 tens + 6 ones

or   4000 + 200 + 30 + 6

This form of writing a number is called the **Expanded Form.**

The expanded form of a number can be written in two ways:

9021 = 9 thousands + 0 hundreds + 2 tens + 1 ones

or

9000 + 0 + 20 + 1

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