



# SNBP International & Sr. Secondary School, Chikhali, Pune.

Affiliation No. 1130703  
Academic session 2024-25  
Lno-3 Notes -(Term-1)

CLASS :III  
Prepared by -Rajni Y.

SUBJECT: Maths  
L-3 Numbers upto 10,000

Pre- activity -Let's Begin (Page no 96 ) in text book

**Let's Begin**

**The Goa Dairy buyback scheme**  
Why it hasn't been popularised is a mystery, but over the last 15 years, Goa Dairy has been the only dairy company in the country that has been serving 'free milk' in the form of one 500 ml milk packet for every 100 empty packets returned to the dairy. While the public at large is not aware of the scheme, many educational institutes have been using the scheme as a way of getting students to recycle, and are in turn major contributors to the recycling process.

Sameer, my elder sister is a part of this scheme and she has collected some empty packets.

Meera, I'm also a part of this good initiative. We all should make our surrounding plastic free.

Answer the following questions.

- a) How many packets did Sameer collect? Write the number in expanded form and in words.

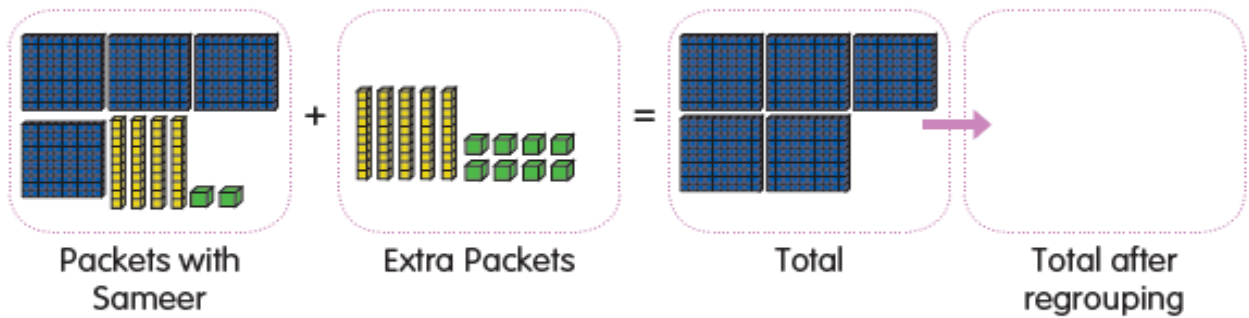
$442 = 400 + 40 + 2$ ; four hundred forty-two

- b) Who has collected more packets—Meera's sister or Sameer? By how many?

Meera's sister; by  $500 - 442 = 58$

- c) What if Sameer collects 58 more packets? Draw Dienes blocks in the empty boxes to complete the calculation.

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- d Find the total number of packets collected by Sameer and Meera's sister.

$$500 + 442 = 992$$

### Tuning In

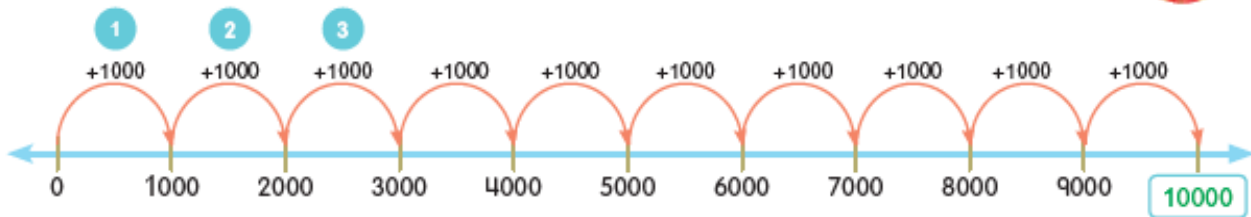


I have made 1 bundle of 1000 empty packets. How many will it be for 10 such bundles?

Let's use a number line to work it out.



Complete the given number line to get to the answer.



Draw place-value counters to represent 7531. Also, write it in words and expanded form.



$$7000 + 500 + 30 + 1$$

seven thousand five hundred

thirty-one

## Pictorial Stage

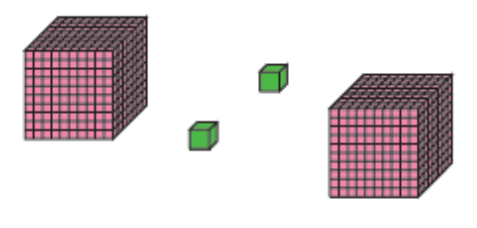
- 1 Look at the images and write the expanded forms, numbers, and number names.

a




$3000 + 600 + 50 + 1$
<u>3651</u>
<u>three thousand six hundred</u>
<u>fifty-one</u>

b



$2000 + 00 + 00 + 2$
<u>2002</u>
<u>two thousand two</u>

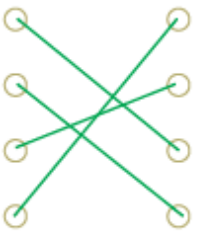
- 2 Draw place-value counters to make the given expanded form true, and write the number name.



$8000 + 200 + 70 + 9$
<u>8279</u>
<u>eight thousand two hundred</u>
<u>seventy-nine</u>

## Abstract Stage

- 1 Match the numbers with their correct expanded forms.

<p>a 2 thousands 4 hundreds 3 tens 8 ones</p> <p>b <math>4000 + 50 + 4</math></p> <p>c 9 hundreds 1 ten 9 ones</p> <p>d 9 thousands 9 hundreds 1 one</p>		<p>i. 9901</p> <p>ii. 919</p> <p>iii. 2438</p> <p>iv. 4054</p>
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- 2 Write the place values of the underlined digits.

<p>a <u>4</u>320    <u>4000</u></p> <p>c 29<u>1</u>3    <u>3</u></p>	<p>b 3<u>1</u>65    <u>100</u></p> <p>d 1<u>9</u>80    <u>80</u></p>
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## Concrete Stage

Use 'Dienes Blocks' or 'Place Value Counters' to fill in the missing numbers and circle whether it's counting forward or backwards.

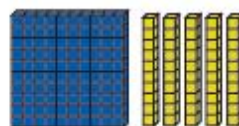
- a 2730, 2740, 2750, 2760, 2770 (count on/back in ones/tens)
- b 6401, 6402, 6403, 6404, 6405, 6406 (count on/back in ones/tens)
- c 2710, 2610, 2510, 2410, 2310, 2210 (count on/back in tens/hundreds)
- d 5005, 6005, 7005, 8005, 9005, 10005 (count on/back in hundreds/thousands)

## Pictorial Stage

Look at the given image to answer the following questions.



- a How many used cans are there? 4390
- b Fill in the missing numbers if he gets 100 used cans every day.  
4390, 4490, 4590, 4690, 4790
- c How many junk items does he have in total? 7000
- d Draw Dienes Blocks to show 150 more junk items than shown in this picture.



## Abstract Stage

Fill in the missing numbers in the boxes.

- a 2354, 2355, , , 2358,
- b 3680, , , 3677, , 3675
- c , , 9132, , 9152, 9162
- d 4626, , 4426, 4326, ,

## Think Aloud

How many more bottle caps are needed by Meera's team to reach the score of Sameer's team? Represent on the given number line.



Answer: **44** more bottle caps.

## Concrete Stage

Use 'Dienes Blocks' or 'Place Value Counters' to compare the given numbers. Use symbols (>, < or =).

- a 2876  2196
- b 6520  6463
- c 8080  8080
- d 9100  9001

## Pictorial Stage

Draw pictures to make the given comparisons true.

a

	>	
3025		3015

b

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c

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d

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## Abstract Stage

1 Arrange the numbers in increasing order.

2356, 1792, 2789, 1435 → 1435, 1792, 2356, 2789

8165, 9472, 8853, 8384 → 8165, 8384, 8853, 9472

2 Arrange the numbers in decreasing order.

3645, 3178, 3753, 3428 → 3753, 3645, 3428, 3178

6925, 7258, 2190, 7001 → 7258, 7001, 6925, 2190

## Think Aloud

Meera has made a 3-digit number with these cards.



What other 3-digit numbers can she make with these cards?  
Is it possible to make a 4-digit number using these three digits? How?

Answer: Answer may vary.

Worksheet

3.2






## Concrete Stage



Use 'Wipe & Clean Fun Mat', and write down the following answers.

- In 2021, India celebrated its  seventy-fifth Independence Day.
- In 2002, we celebrated our  fifty-second Republic Day.
- This year, it was  Answer may vary birthday of my father.
- The ordinal number for a century is  hundredth.

## Pictorial Stage

Look at the given images of racing cars and answer the following.

									
91 <sup>st</sup>	92 <sup>nd</sup>	93 <sup>rd</sup>	94 <sup>th</sup>	95 <sup>th</sup>	96 <sup>th</sup>	97 <sup>th</sup>	98 <sup>th</sup>	99 <sup>th</sup>	100 <sup>th</sup>
ninety-first	ninety-second	ninety-third	ninety-fourth	ninety-fifth	ninety-sixth	ninety-seventh	ninety-eighth	ninety-ninth	one hundredth

- What is the position of  ?  ninety-fifth
- What is the position of  ?  ninety-second
- Which racing car is at the ninety-seventh position?
- Which racing car is at the 100<sup>th</sup> position?

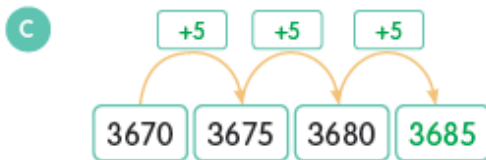
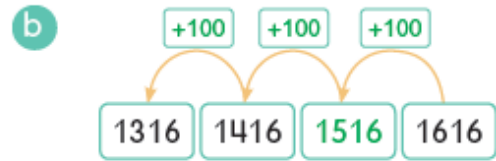
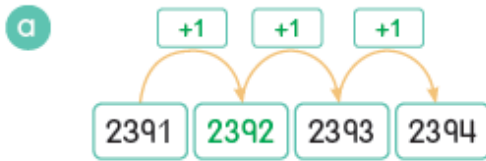
## Abstract Stage

Complete the table.

	Number	Ordinal numbers in words	Ordinal numbers in symbol
a	3	third	3 <sup>rd</sup>
b	19	nineteenth	19 <sup>th</sup>
c	37	thirty-seventh	37 <sup>th</sup>
d	62	sixty-second	62 <sup>nd</sup>
e	24	twenty-fourth	24 <sup>th</sup>
f	81	eighty-first	81 <sup>st</sup>

## Blooming Questions

1 Write the missing numbers.



2 Compare the numbers by writing 'greater than' or 'smaller than'.

a 1679 is  2578.

b 2510 is  2501.

c 3981 is  9831.

d 9250 is  9256.

e 1595 is  2867.

f 1000 is  10000.

3 Complete the number sentences.

a  $55 + \boxed{1200} = 1255$

b  $\boxed{3000} + 820 + \boxed{1} = 3821$

c  $\boxed{7000} + \boxed{600} + \boxed{50} + \boxed{0} = 7650$

4 Write true or false.

a 6530 has six thousands, five hundreds and three ones.

b The number name of 8932 is eight thousand nine hundred thirty-two.

c 100 more than 7009 is 8009.

d 2000 more than 5060 is 7060.

e The greatest number formed using digits 6, 8, 0, 1 is 1068.

f 8001 is same as eight thousand one hundred.

6



Mr Murli has offered me ₹2500 and Mr Prasad will give me ₹2050 for all these junks.

Whom should the junk seller sell the junks to? Why?

Answer: **Mr. Murli, because he is paying more.**



## Mental Maths

1 Use symbols (>, < or =) and fill in the blanks.

a  $8763 > 8756$

b  $2001 < 2021$

c  $6767 < 7676$

d  $5016 = 5016$

2 Write the missing numbers.

a  $4501, 4502, 4503$

b  $2202, 2302, 2402$

c  $7100, 8100, 9100$

d  $2600, 2700, 2800$

POST ACTIVITY- Write down the ordinal numbers from 1 to 50

S.Teacher

H.O.D.

Co-Ordinator

Principal