



CLASS :III
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DATE:
SUBJECT: Maths
L –Quantification and number sense upto 1000

Pre- activity- Let's Begin

Concrete Stage

1 Use 'Dienes Blocks' to represent the given numbers in hundreds, tens, and ones, and write them in expanded form.

a 555 500 + 50 + 5

b 248 200 + 40 + 8

c 609 600 + 9

d 711 700 + 10 + 1

2 Use 'Arrow Cards' to work out the given problem.

In 648, the digit in the ones place is increased by 2.

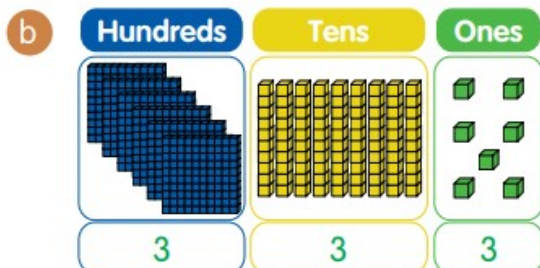
The new number formed is 650 and the value of the digit in the tens place is 50.

Pictorial Stage

1 Write in digits and in words.



There are 7 hundreds, 8 tens, and 3 ones.
The number is 783.



There are 8 hundreds, 9 tens, and 7 ones.
The number is 897.

2 Draw the missing place value counters for the given numbers and write their number names.

a

Hundreds	Tens	Ones
8	5	3

eight hundred fifty-three

b

Hundreds	Tens	Ones
9	5	2

nine hundred fifty-two

3 Match the representations to the correct numbers.

a

H	T	O

b

c

d

Hundreds	Tens	Ones

e

Hundreds	Tens	Ones

f

H	T	O

i. ii. iii. iv. v. vi.

Abstract Stage

1 Kyra and Ethan are trying to express the number of breaths a human takes during different time periods. Complete the table given below.

	Time period	Number of breaths a human takes (approximately)	
		in words	in numerals
a	an hour	nine hundred fifty-three	953
b	half an hour	four hundred seventy-seven	477
c	fifteen minutes	two hundred thirty-nine	239
d	ten minutes	one hundred sixty-one	161

2 Specify the correct place value and value of the given digits. One has been done for you.

- a 709 Place value of 7 is hundreds. Value of 7 is 700.
 b 893 Place value of 9 is tens. Value of 9 is 90.
 c 548 Place value of 8 is ones. Value of 8 is 8.

Think Aloud 

Kyra says the number represented using arrow cards is the largest three-digit number. Do you agree? Explain your answer. Also, write the correct answer.



Worksheet



Answer: Answer may vary.

Concrete Stage 

Use 'Place Value Counters' to classify the numbers as odd and even.

- a 32 even b 89 odd c 159 odd d 231 odd

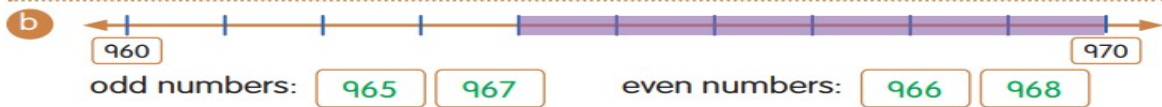
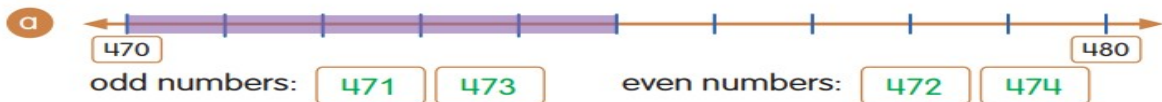
Pictorial Stage 

1 Observe each Dienes blocks representation, write the number, and circle whether it's an odd or even number.

a	Hundreds	Tens	Ones	b	Hundreds	Tens	Ones
<u>673</u> <u>odd</u> / even	<u>722</u> odd / <u>even</u>						

c	Hundreds	Tens	Ones	d	Hundreds	Tens	Ones
<u>508</u> odd / <u>even</u>	<u>817</u> <u>odd</u> / even						

2 List two odd and two even numbers that would fall in the shaded section.



Abstract Stage

1 Circle all the even numbers.

243 562 871 986 756 652

2 Meera is trying to find out the Hospital ID numbers of her father and mother. Help Meera to find out their ID numbers using the clues given below.

- a ID number of Meera's father is the largest 3-digit odd number. 999
 b ID number of Meera's mother is third odd number after 897. 903














Concrete Stage

Use 'Letter Flash Cards' (X, L, I, V) to represent the following Hindu-Arabic numbers in Roman numerals, and mention the number of times each card is used. One has been done for you.

Hindu-Arabic numbers	L	X	V	I
23	-	2	-	3
18	-	1	1	3
35	-	3	1	-
46	1	1	1	1

Pictorial Stage

Look at the following representations. Draw the missing letters to complete the Roman numeral representations.

- a 41  XLI 
- b 34  XXXIV   
- c 48   XLVIII  
- d 26 XXVI   

- 4 Write the number of children registered for a general check-up at the school campus in words for all the days.

Day 1	283	two hundred eight-three
Day 2	543	five hundred forty-three
Day 3	702	seven hundred two
Day 4	981	nine hundred eighty-one

- 5 My brother and I want to buy some things for our parents. What things can we buy if we want to share the cost equally?

 ₹652	 ₹823	 ₹889	 ₹741
 ₹497	 ₹499	 ₹126	 ₹348

- 6 Kyra and Ethan are sorting red and yellow toffees in a jar. Identify the number of toffees each of them has.

- a Kyra has odd number of toffees which is the third odd number lying between 220 and 230. **225**
- b Ethan has even number of toffees which is the second largest 3-digit even number. **996**

- 7 Represent the prices of the items in Roman numerals.

a  ₹45 XLV	b  ₹23 XXIII	c  ₹35 XXXV
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- 8 Fill in the empty cards with appropriate letters to represent Roman numerals.

a X V I

b I I I

Answer: Answer may vary.

Post activity- Write down math facts in the notebook and learn it.

S.Teacher

H.O.D.

Co-Ordinator

Principal

S.Teacher

H.O.D.

Co-Ordinator

Principal