



2nd std Maths 1-term Unit\_2\_Numbers.indd 11





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Practice			
Group the objects in tens and ones and writ	e the nu	mber.	
Objects	Tens	Ones	Number
* * * * * * * * * *			
20 20 20 20 20 20 20 20 20			



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Learn			
Let us lea above situ	rn about the place value of lation.	digits in number	using the 🚺
Number	Bundles of ten carrots	Single carrots	
42			BWN1T1

The place value of digit in any number depends on its place in that number.

## Practice

Draw necklace using beads in tens and ones for the given number.

Number	Necklaces of ten beads	Single beads
24		$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$
53		
38		

Complete the empty boxes in the table given below.

Number	Place Value		Number	Place	Value
23	2 Tens	3 Ones	32		
16			61		
55			55		
74			47		
92			29		
31		1 One	13	1 Ten	3 Ones
85			58		
85			58		

Т	ry This Compl	ete the table					
	Beads	Abacus	Numbers				
		Tens Ones 3 4	3 tens 4 Ones 30+4=34				
		Tens Ones					
		Tens Ones					
		Tens Ones	4 tens 5 Ones 40+5=45				
A	ctivity						
*	<ul> <li>Take 2 sets of cards with numbers 0 to 9.</li> <li>Write the words 'Tens', 'Ones' on the board and place one set of cards in front of each word.</li> </ul>						
* * *	<ul> <li>Call two students to stand in the places of ones and tens.</li> <li>Each student should pick a number card from the set.</li> <li>The student who is standing before 'Tens' should say "I am 2, standing at 'Tens' place. So my place value is 20" and should show twenty beads.</li> </ul>						
*	<ul> <li>twenty beads.</li> <li>Next student who is standing before 'Ones' should say, "I am 4,standing at 'Ones' place. So my place value is 4", and should show 4 beads. So,our number is 24. Teacher continues the activity with other students for different two digit numbers.</li> </ul>						
		18					

	Pleasure Time Colour and enguin									
С а	Colour and answer Colour the number boxes with blue if the values in 'Tens' place									
	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	

Observe the number chart and answer the following questions.

Write the numbers with the digit 7 either in 'Ones' place or in 'Tens' place

Write all the numbers with 6 in 'tens' places?

Write all the numbers with 8 in 'ones' places?

Which is the number with 9 in both 'tens' and 'ones' places?



### Learn

Compare the number of flowers.



Yellow pot has 9 flowers and blue pot has 5 flowers. Yellow pot has more flowers than blue pot. 9 is greater than 5. Blue pot has fewer flowers than yellow pot.

5 is less than 9.

Blue pot has 5 flowers and green pot also has 5 flowers. Both pots have equal flowers. 5 is equal to 5.



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Practice		
Count the objects and Compare the number of the correct statement	write the number in f objects on left and r among the given thre	each of the boxes. right side and circle e.
<u>50</u> 50 50 50 50 50 50 6	is greater than is less than is equal to	<ul> <li>6</li> <li>5</li> <li>5</li></ul>
	is greater than is less than is equal to	
	is greater than is less than is equal to	
8	is greater than is less than is equal to	7
4	is greater than is less than is equal to	4
3	is greater than is less than is equal to	9

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#### Teacher's Note:

Teacher should insist that while comparing two digit numbers with different tens place children can compare only tens place. If the tens place are the same, they need to compare the ones place.



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# Try ThisPut a tick (\*) for the correct answer and (X) for the wrong answer.i) 3 tens 4 ones is greater than 2 tens 3 onesii) 6 tens 5 ones is less than 2 tens 3 onesiii) 5 tens 3 ones is equal to 53iv) 55 is equal to 56v) 65 is greater than 64vi) 74 is less than 47



# Learn

A soldier takes his 20 horses for a parade. Observe the numbers and number names in the horses.

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## Practice

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Write the number names against the numbers and complete the table.

Numeral	Words	Numeral	Words
1		11	
2		12	Twelve
3	Three	13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	Twenty





Iry I	nis										
Find and circle the number names 11-20 hidden in the box.											
	E	I	G	Н	Т	E	E	N	0	F	
	L	Р	S	I	Х	Т	Е	Е	Ζ	0	
	Е	0	U	F	Q	R	Т	Е	Е	U	
	V	A	Ν	I	R	S	Т	U	V	R	
	E	Μ	Ν	F	W	X	У	Ζ	A	Т	
	N	Р	S	Т	W	Е	L	V	Е	Е	
	S	Е	V	Е	Ν	Т	Е	Е	Ν	Е	
	N	I	Ν	E	Т	E	E	N	W	Ν	
	Т	W	Е	N	Т	У	G	Μ	Ν	0	
	R	T	Н	I	R	Т	E	E	Ν	Р	

## Activity

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Find the number name

- Take some tamarind seeds and cards with number name from one to twenty.
- Teacher shall call two children and whisper a number into the ear of the first child.
- He / she will pick the tamarind seeds according to the count said by the teacher and pass it on to his partner (without revealing the number).
- The partner will count the seeds and pick the number name card for that number. Teacher will check if the said number name and the whispered number are the same.
- The teacher will continue the game until every child of the class is familiar with number names upto twenty.

# 2.6 Addition

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Kanmani, Asha and Prashanth used ice sticks for their craft work. Find the total number of sticks used by each of them from the picture given below and write them in the blue box.



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Recall

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Addition			
Learn Addition			
1. Muthu bought 32 lemons and Kannan bound number of lemons bought by them.	ight 5 lemons. Find	the	total
Tens	Ones	Т	0
	•	3	2
		+	5
		3	7
2. Abi plucked 24 guavas, Jesi plucked 33 did Abi and Jesi pluck altogether?	guavas. How many	guav	۵۶
Tens	Ones	Т	0
		2	4
		+ 3	3
		5	7

Pn	actica

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1. A balloon seller has 23 pink balloons and 4 yellow balloons. How many balloons did he has totally?

Tens	Ones	ΤO
	• • •	23
		+ 4

<ol> <li>In an inter school competition, a school had won 30 gold medals and 21 silver medals. Find the total number of medals won by the school.</li> </ol>			
Tens	Ones	ТО	
		3 0	
	<b>X</b>	+ 2 1	
3. Reena bought 30 pens from the shop. Next day, she purchased 50 more pens. Count and write the total number of pens she had.			
Tens	Ones	TO	
		3 0	
		+ 5 0	
4. Mani has 54 pencils, Benny has 21 pencils and Malini has 23 pencils. How many pencils do they have in total?			
Tens	Ones	ΤO	
		54	
		2 1	
	=	+ 2 3	

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## Activity

- Divide the class into 2 groups and give 100 sticks (bundles of 10 sticks and few single sticks) to each group.
- Teacher shall give two numbers to add. For example, 42 and 56
- The first group shall take 40 + 2 sticks and the second group shall take 50 + 6 sticks.
- Both the groups shall combine the sticks. Count the bundles of sticks and single sticks separately and find the total.
- Teacher can instruct the groups to add the single sticks first, write the number below the ones place and then add the bundle of sticks and write the number below the tens place.

## Mental Maths

- 1. 30 children are lined up to jump using a skipping rope. If 20 more children join them, how many children are there in total?
- 2. In a park, Suji counted 12 children and 15 adults. How many people did she count in total?
- 3. A fisherman caught 22 fishes in the morning and 12 fishes in the afternoon. How many fishes did he catch totally?
- 4. There are 15 boys and 24 girls in a class room. How many students are there altogether?
- 5. In a bird sanctuary, there are 33 parrots and 15 peacocks. How many birds are there in total?

20+30

(32)



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## Know More

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## Activity

- Teacher shall divide the class into groups of two members and place 9 bundles of 10 sticks in a box and 9 single sticks in a box.
- Teacher shall write a subtraction fact on the board and call one group to find the answers.
- One member should pick up the bundle of tens and other member should pick up the loose sticks according to the number.
- They shall subtract the numbers by putting the bundles and loose sticks back in box and then show the bundles and loose sticks left with them.
- Teacher can continue the activity with other children.

# 37

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Try This		
Find the answer for the subtraction facts given below.		
Subtraction fact	Answers	
37 - 30		
46 - 41		
68 – 54		
70 – 70		
57 - 42		
21 – 0		
39 – 20		
Create more subtraction facts using the following numbers 0, 20, 21, 30, 37, 39, 41, 42, 46, 54, 57, 68, 70 and find the solution.		
Subtraction fact	Answers	

## Mental Maths

- 1. Ilakiya made a bouquet with 29 flowers. As she was arranging the bouquet, 12 flowers fell off. How many flowers were left in the bouquet?
- 2. There are 19 children in the park. 2 of them went out of the park. How many children are inside the park?
- 3. There were 33 birds in the garden. 11 flew away. How many birds were left in the garden?
- 4. There are 64 goats in a farm. 11 of them were taken to another farm. How many goats are left?
- 5. There are 38 paint brushes in the box. 10 brushes are used. How many brushes are unused?

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