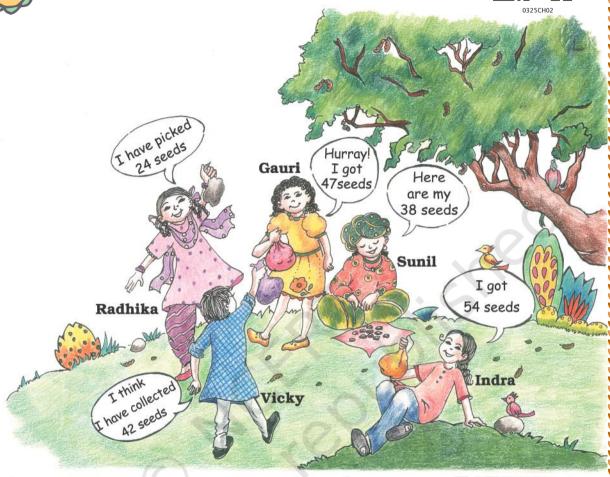


# Fun with Numbers





Radhika, Gauri, Vicky, Indra and Sunil were collecting *Imli* (tamarind) seeds.

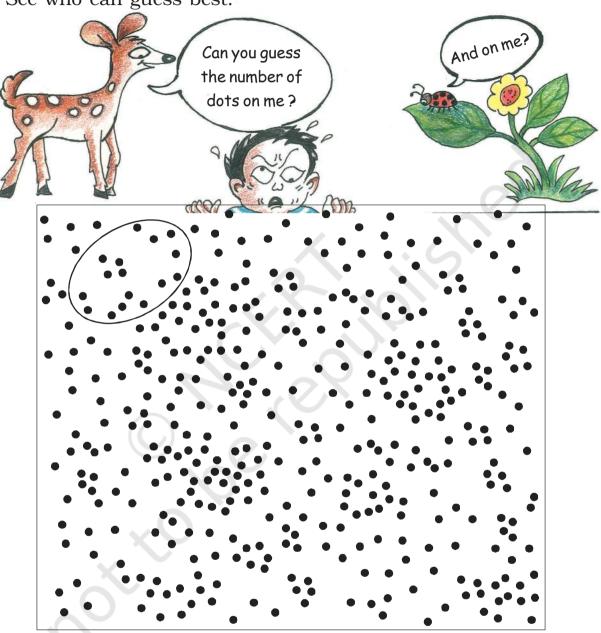
- collected the most seeds.
- ❖ Sunil will collect \_\_\_\_\_ more seeds to be equal to Vicky.
- ❖ If Radhika gets 6 more seeds, she will have \_\_\_\_\_.
- ♦ How many children have more than 40 seeds?\_\_\_\_\_
- \_\_\_\_\_ needs 3 more seeds to have 50.
- Sunil has 2 seeds less than 40 and \_\_\_\_\_ has 2 seeds more than 40.





#### Dot Game

Guess the number of dots in the circle. Now count and check your guess. Play this game with your friends by making circles. See who can guess best.





Children need interesting exercises to help them with visual estimation of numbers – of things arranged randomly and in symmetrical groups. Teachers could use other instances, such as bundles of leaves sold in the market, the school assembly, designs on mats, etc. to make them guess and estimate different numbers. In this book an ant that a guess or estimate has to be made.





 $\frac{2020-21}{2020}$ 

## Dhoni's Century

One-day match between India and South Africa in Guwahati......, India batting first......



#### Fill in the blanks:

Dhoni scored 96 + \_

How many runs do these players need to complete a century?

	Runs scored	Runs needed to
		complete a century
Player 1	93	
Player 2	97	
Player 3	89	
Player 4	99	

Numbers are understood not by reciting them in order but by making associations in familiar contexts. Here the idea of a "century" of runs is used. Teachers could add other examples from children's lives to think about 3-digit numbers. Encourage them to speak about large numbers even if they cannot read or write them.









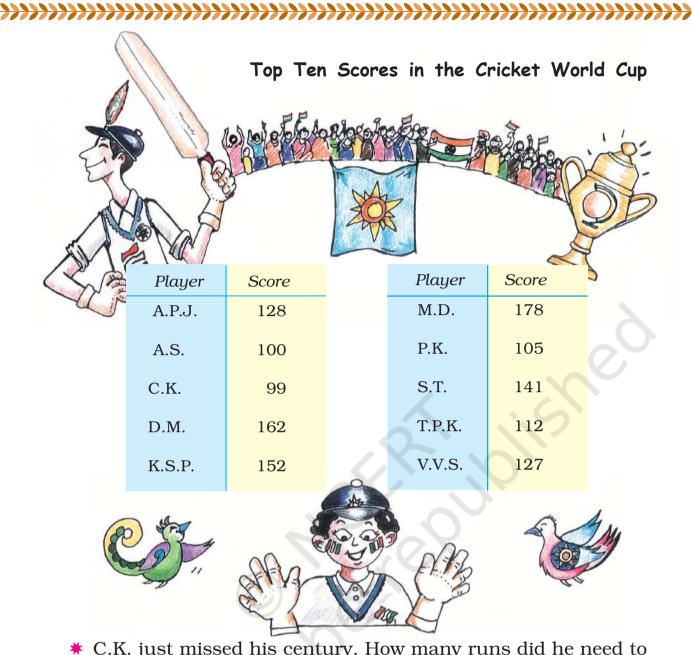


# Fill in the Blanks:

99-112		195-206		
Number	Number	Number	Number	
(in figures)	(in words)	(in figures)	(in words)	
99	Ninety-nine	195	One hundred ninety-five	
100	One hundred	196	One hundred ninety-six	
101	One hundred one	197	One hundred ninety-seven	
102		198	One hundred ninety-eight	
103	One hundred three	.02	One hundred ninety-nine	
104	One hundred four	200	Two hundred	
	One hundred five	201	Two hundred one	
106	One hundred six			
107	<del></del>	203	Two hundred three	
	One hundred eight		Two hundred four	
109	One hundred nine	205	Two hundred five	
110	One hundred ten	206		
111	One hundred eleven			
	One hundred twelve	Oh! 206! Guess how many more to make a triple century?		

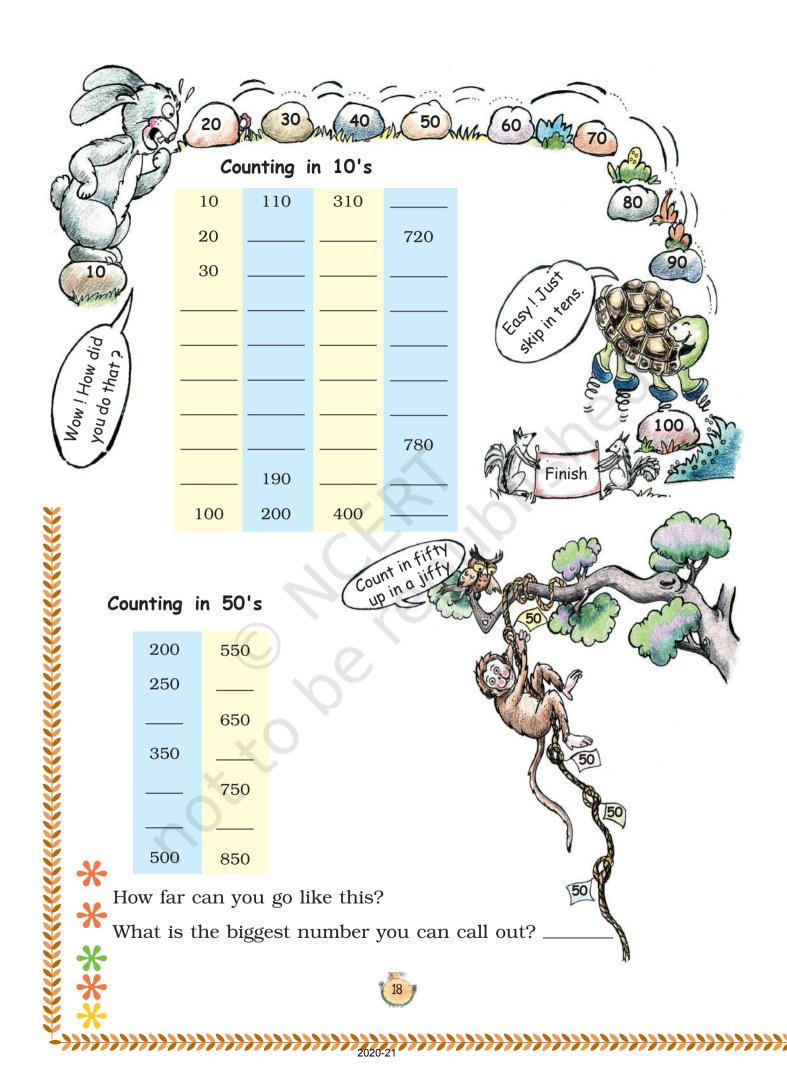


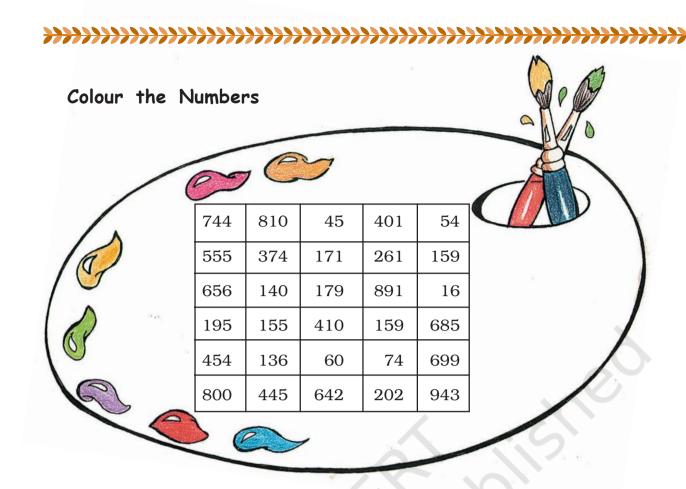




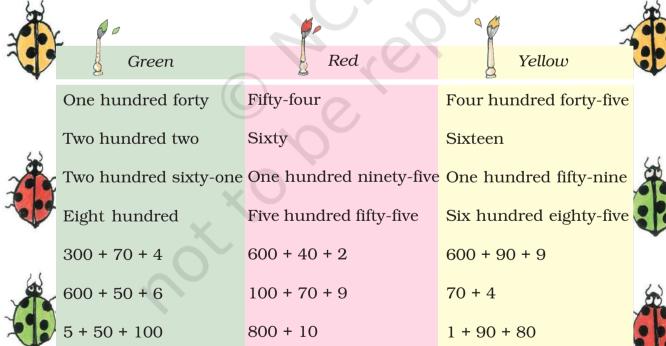
- \* C.K. just missed his century. How many runs did he need to make a century? \_\_\_\_\_
- \* \_\_\_\_\_ and \_\_\_\_ scored almost equal runs.
- \* \_\_\_\_\_ scored a complete century, no less, no more.
- \* Most runs scored by any batsman are \_\_\_\_\_.
- \* \_\_\_\_\_ and \_\_\_\_\_ have a difference of just 1 run between them.
- \* \_\_\_\_\_ scored 2 more than one and a half century.





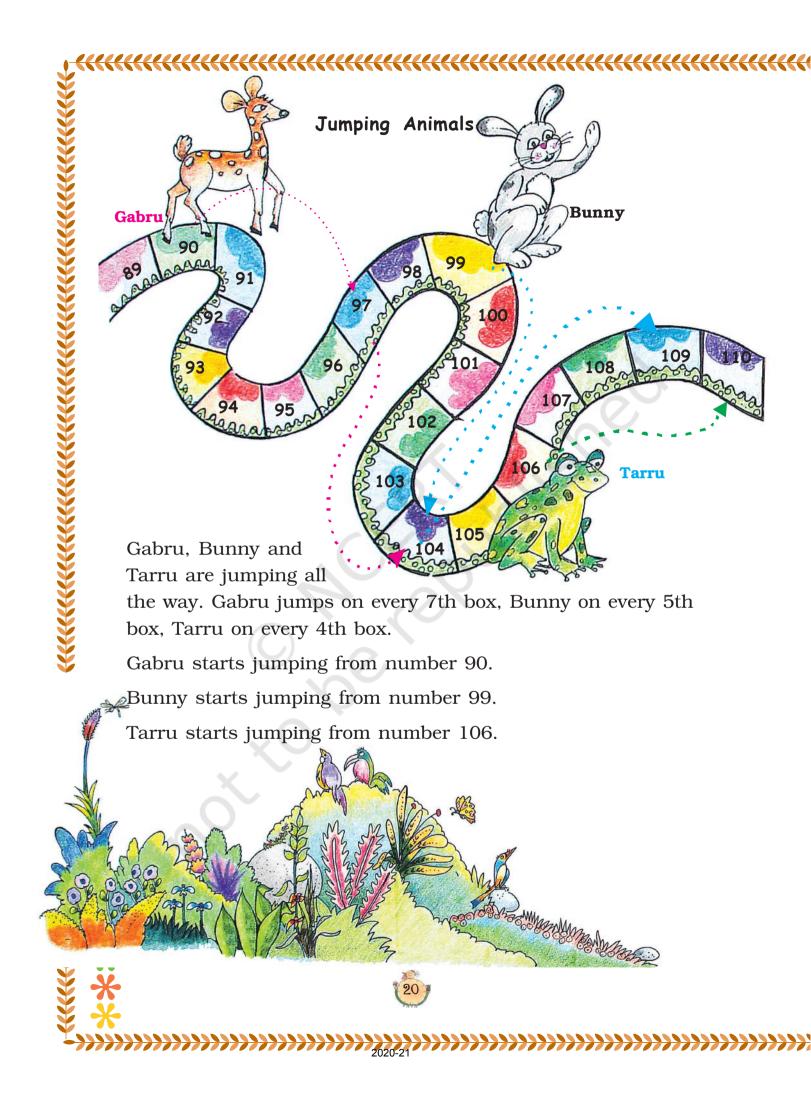


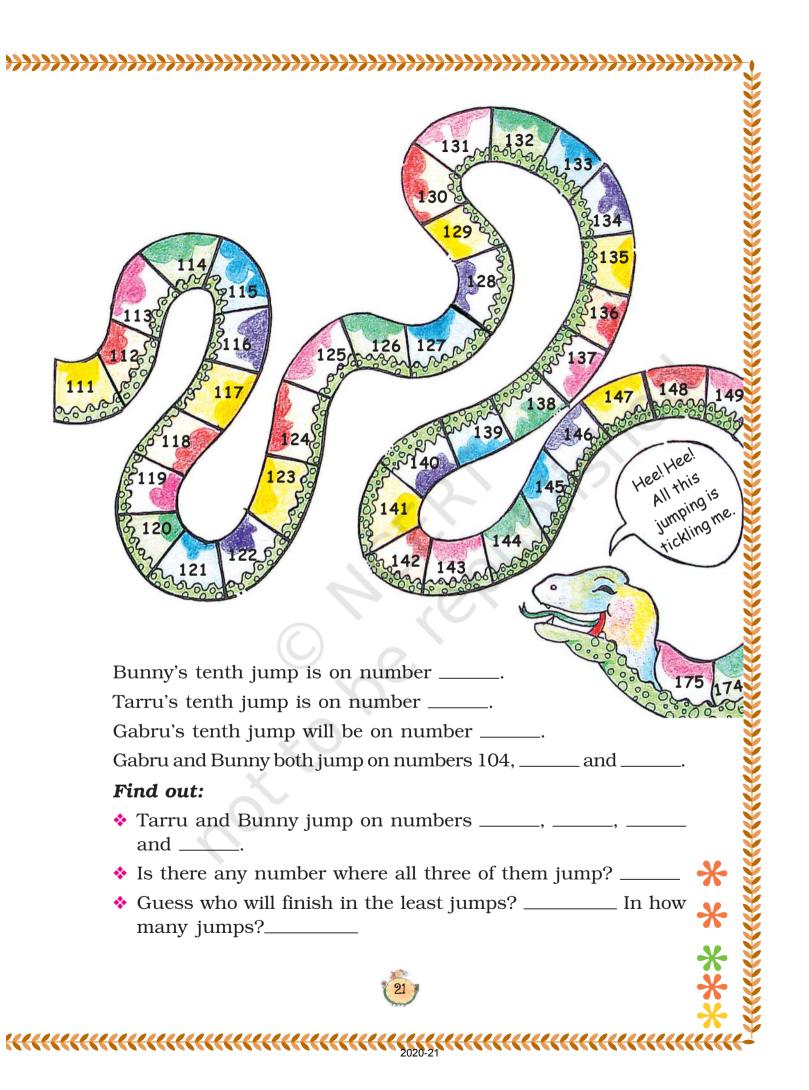
Find these numbers in the above chart. Colour them.











#### Class, Jump!



Jump 2 steps forward:

104, 106, 108, \_\_\_\_\_, \_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Jump 2 steps backward:

262, 260, 258, \_\_\_\_\_, \_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Jump 10 steps forward:

110, 120, 130, \_\_\_\_\_, \_\_\_\_, \_\_\_\_\_\_.

Jump 10 steps backward:

200, 190, 180, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

Continue the pattern:

550, 560, 570, \_\_\_\_\_, \_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_.

910, 920, 930, 940, \_\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

**\***209, 207, 205, \_\_\_\_, \_\_\_, \_\_\_, \_\_\_\_, \_\_\_\_.

401, 402, 403, \_\_\_\_\_, \_\_\_\_, \_\_\_\_\_





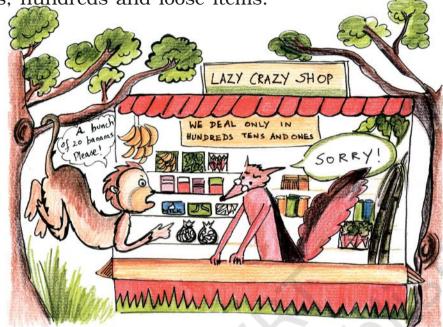
2020-21

Join in!

VALO SCHOOL

## Lazy Crazy Shop

This is the jungle shop. Lazy Crazy gives things only in packets of tens, hundreds and loose items.



Find out how many packets of tens, hundreds and loose items each animal will take. Fill in the blanks.

	Packets of 100	Packets of 10	Loose items
143	100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	**
210	_		
242			
552			



?<del>}{{}}}}}}}</del>

Lazy Crazy also has a crazy way of taking money. He takes only

in

notes,

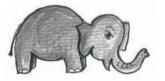


notes and



coins. Now find

out how they will pay him for what they have taken.



Rs 420



Rs 143



Rs 242



Rs 55

#### Who am I? Match with the number.

a) I come between 40 and 50	and
there is a 5 in my name.	

96

b) I have 9 in my name and am very close to 90.

150

c) If you hit a 4 after me, you score a century.

45 89

d) I am equal to ten notes of 10.

87

e) I am century + half century

f) I am exactly in between 77 and 97.

100

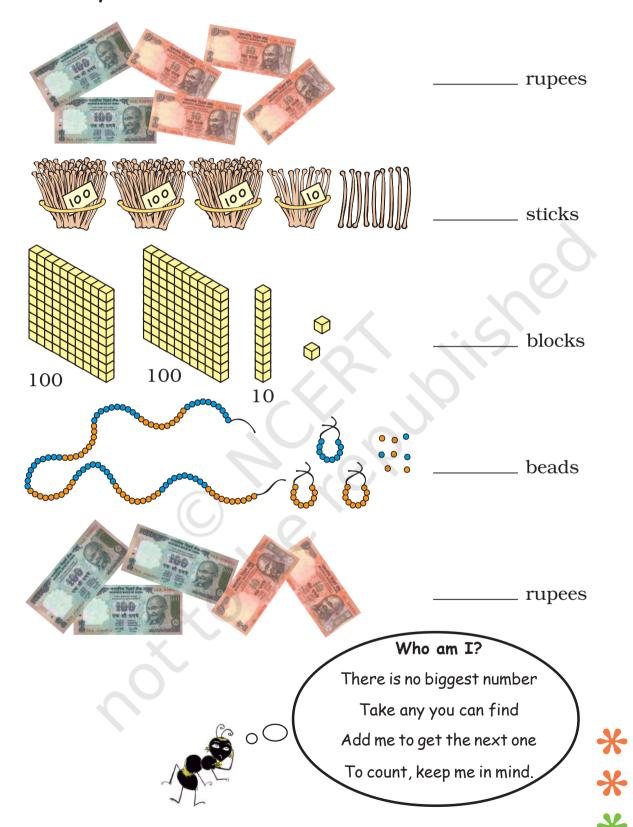


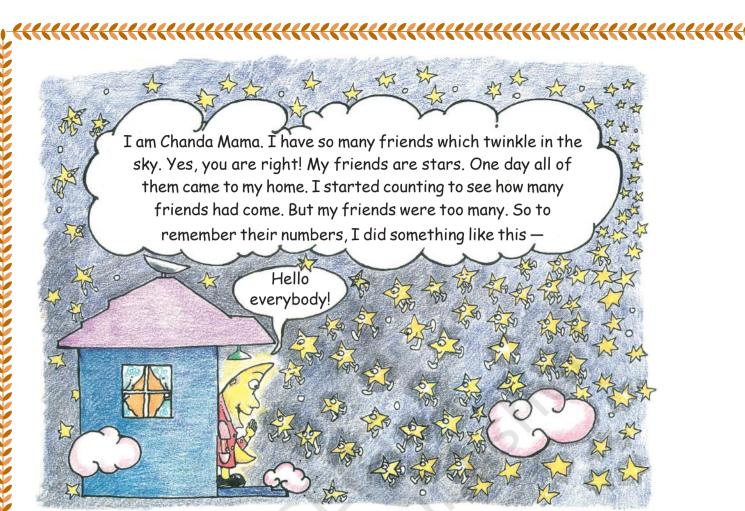
In this chapter several stories and exercises are used to help children understand the decimal number system. The term 'place value', which often confuses children, has not been used at all. Teachers could also find out about other locally used number systems, if any, especially while working in tribal communities.





## How Many are these?





# Moon Mama Counts his Starry Friends

I counted one star and kept one 1 card in my pocket.

1 for one star. 1 1 for 2 stars.

1 1 1 for how many stars? \_\_\_\_

When I had 10 1 cards, I changed it with this card 10.



But my friends kept coming. So I had to count more stars. My pockets were getting full. So when I had 10 cards like this 10 Changed it with a 100 card.



But I have so many, many, friends that my pockets kept getting full.

Just see how many cards I had.





Which cards will I have in my pocket if I have counted up to...

- b. 21 —
- c. 95
- d. 201 100 100
- e. 260
- f. 300
- g. 306
- h. 344
- i. 350 ----
- j. 400 \_\_\_\_

When I had 10 10 cards in my pocket, I knew I had counted 20 stars. Now you tell me the number of stars counted in each case. Write the answer in the blank space.

