

ARROW

MATHS WORLD

BOOK -

2

Alka Ratti Bakshi



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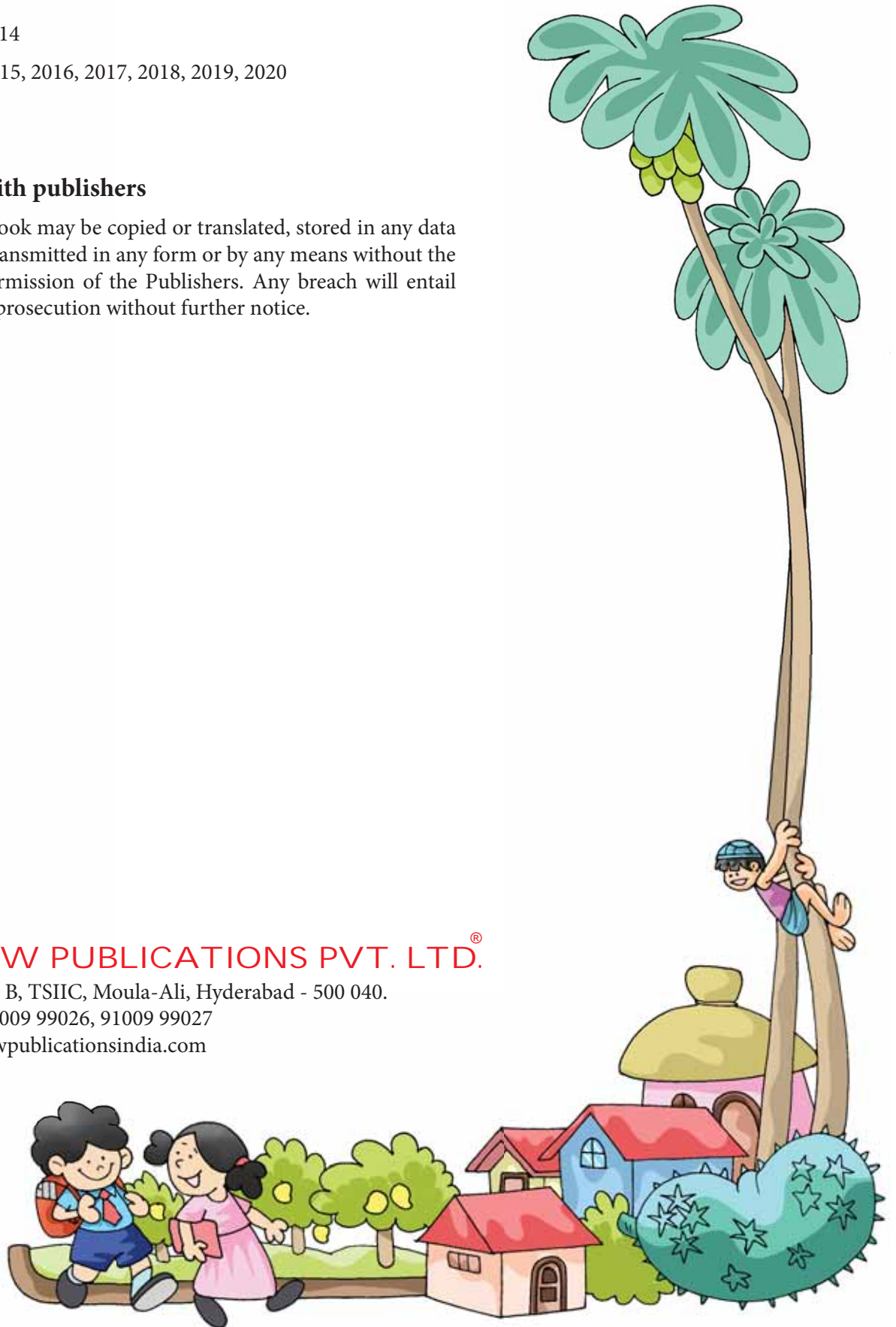
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P R E F A C E

Maths is everywhere. What you need are eyes to see maths in every creation of God.

The series of **Maths World** for classes I to V has been made in accordance with the latest syllabus prescribed by NCERT and the guidelines given by the CBSE. Learning is a treasure that will follow its owner everywhere.

The books are based on day to day activities. This will help students to know the utility of maths at every step of life.

Emphasis on language, nature of description, continuity of presentation within a chapter and across the chapter is done in the entire series.

Salient features of the Series :

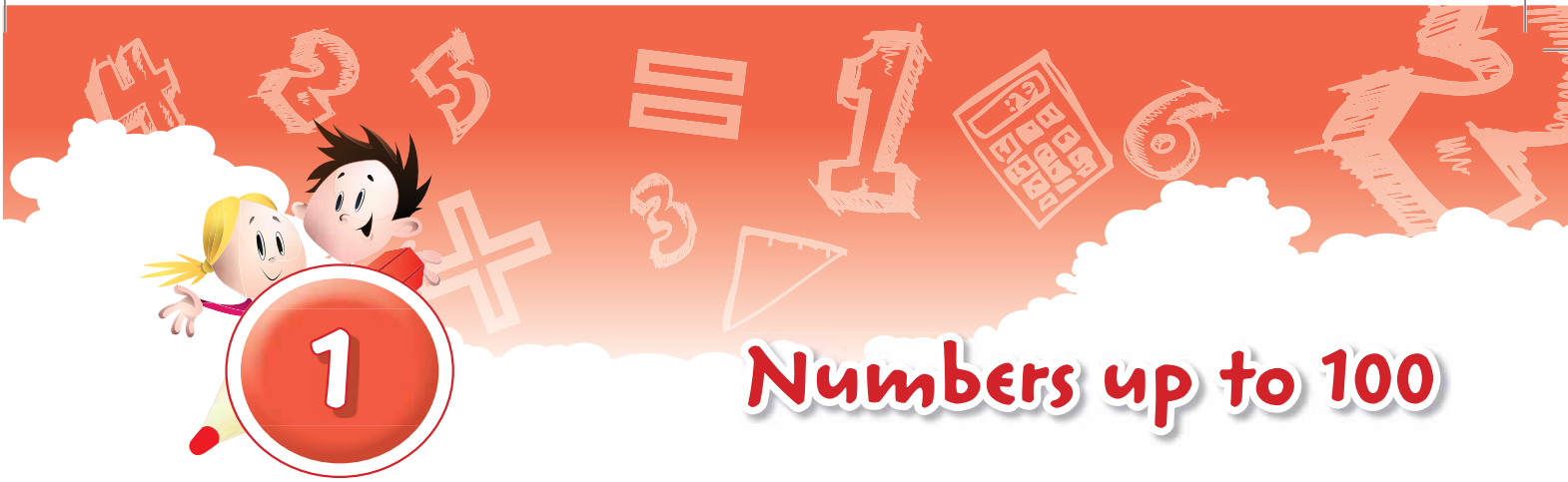
- All the exercises in the books can be used as tasks for Periodic Assessment and Term examinations.
- A large number of solved examples followed by exercises containing all types of questions for practice have been given in graded form.
- **LET'S RECALL** exercises are given at the beginning of each chapter to recapitulate lessons learnt by children in their previous class.
- **Remember** useful tips are spread throughout the chapters to aid learning.
- **Fill in the blanks** in each chapter have been given in order to enhance the mental maths skills of the students.
- **Multiple Choice Questions** at the end of each chapter are given for additional challenge.
- **Worksheet** is helpful to revise the lesson.
- **ACTIVITY** will help children generate a spirit of inquiry and research.

The book is made attractive to children in various ways, such as the nature of description, multi-colour illustrations, animated characters and interesting text.

We are sure the series will give learners a good foundation in maths in the formative years to enable them to have a definite edge in their future.

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Numbers up to 100

LET'S RECALL

Help Nikku to count the beads.



EXERCISE 1

Write the number names for the following.

97



23



54



85



65



72



43



11



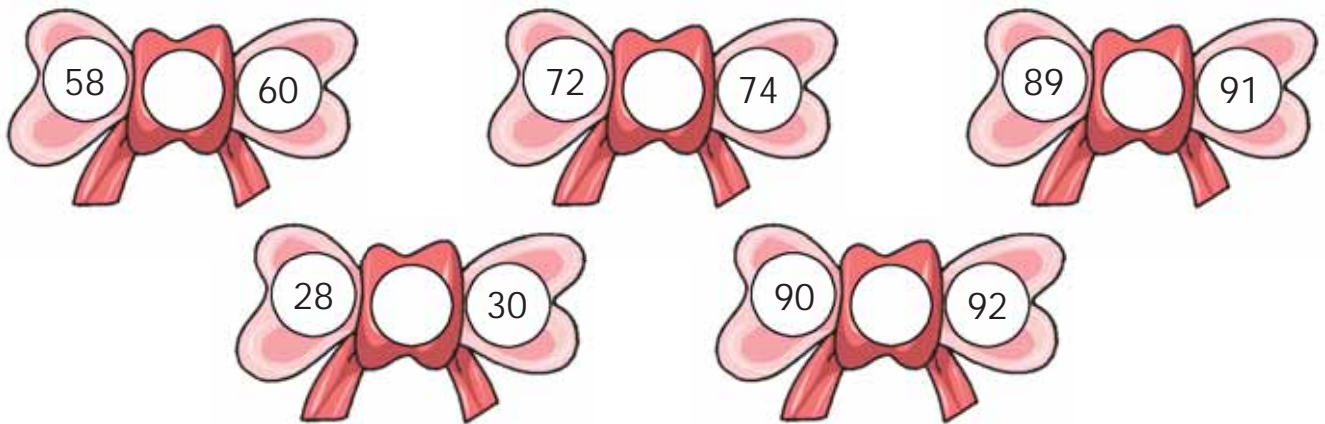
WRITE THE NUMBER THAT COMES AFTER THE GIVEN NUMBER.



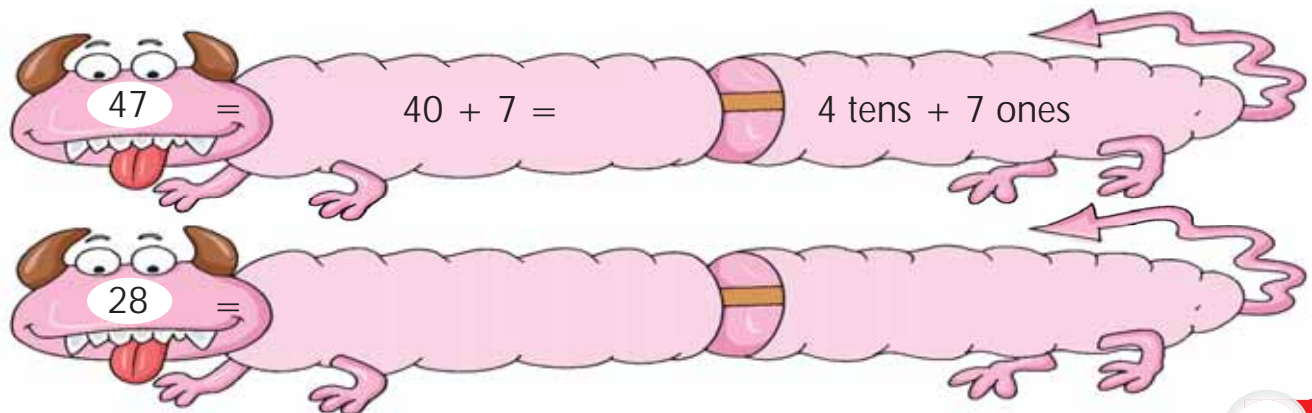
WRITE THE NUMBER THAT COMES BEFORE THE GIVEN NUMBER.

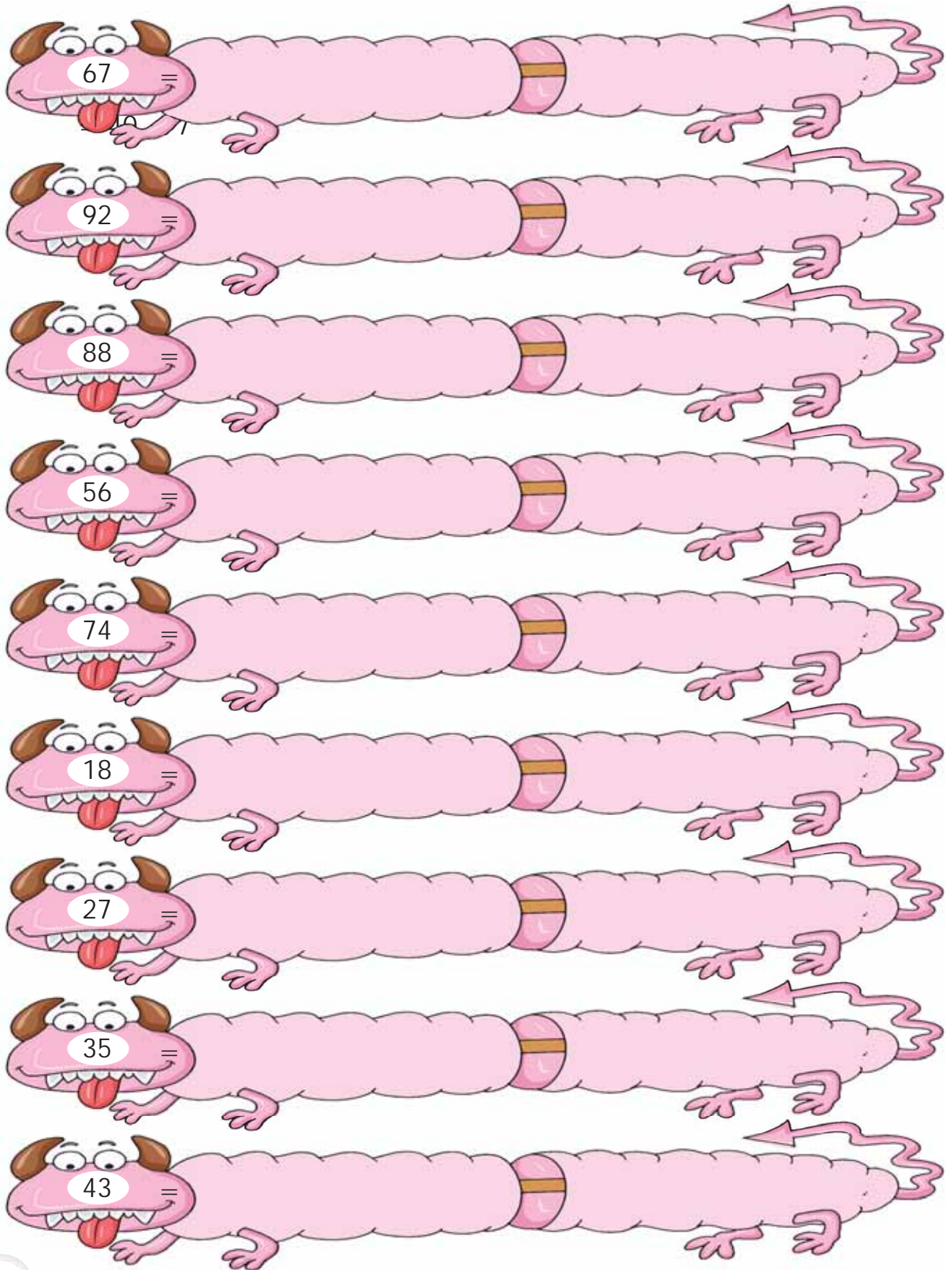


WRITE THE NUMBER THAT COMES BETWEEN THE GIVEN NUMBERS.

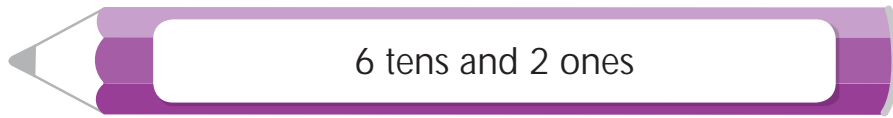


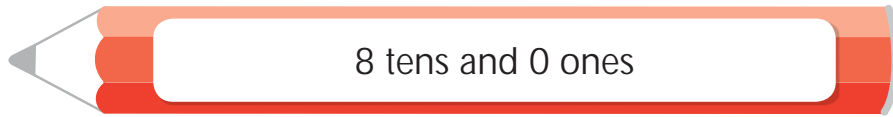
WRITE THE NUMBER IN EXPANDED FORM.

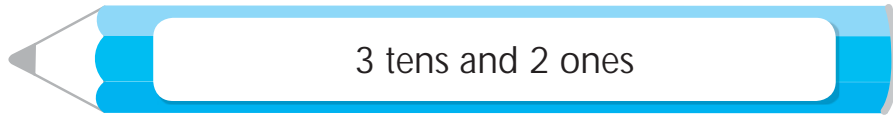


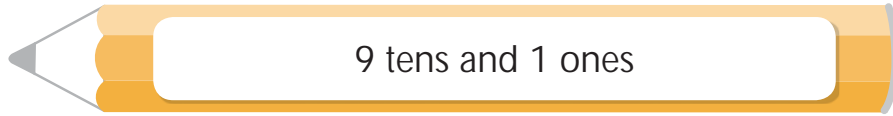


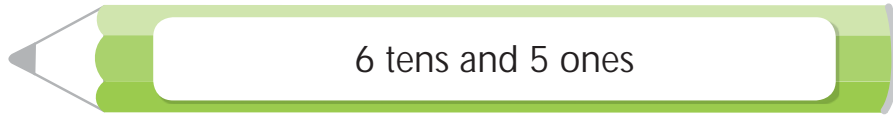
WRITE THE NUMBERS IN SHORT FORM.

 6 tens and 2 ones =

 8 tens and 0 ones =

 3 tens and 2 ones =

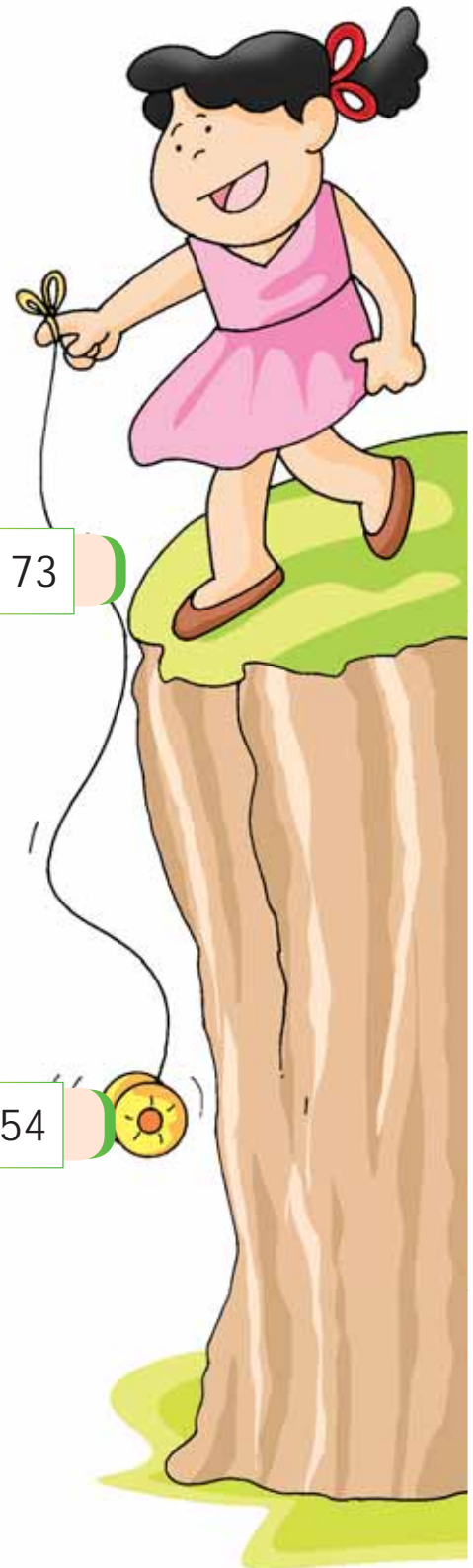
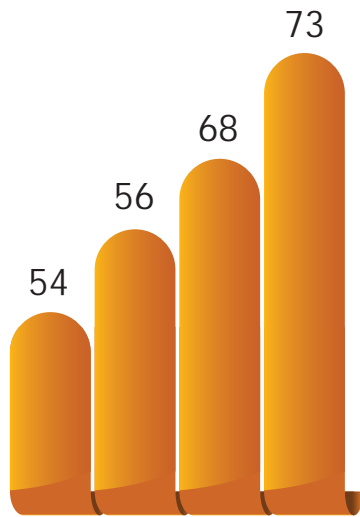
 9 tens and 1 ones =

 6 tens and 5 ones =

Fill in the blanks with the sign $>$, $<$ or $=$.



Arrange the numbers in ascending order.



68 54 73 56
 54 56 68 73

- i. 62 85 58 26
- ii. 11 21 18 23
- iii. 44 42 46 48
- iv. 32 82 52 22
- v. 82 52 18 29

Arrange the numbers in descending order.

68 54 73 56
 73 68 56 54

- i. 28 32 54 40
- ii. 18 9 28 19
- iii. 56 65 85 58
- iv. 72 84 93 61
- v. 54 43 24 34

ADDITION OF A 2-DIGIT NUMBER AND A 1 DIGIT NUMBER (Without Carrying)

Example: Add 12 and 7.

T	O
1	2
+	7
1	9

- First arrange the number by writing one number below the other.
- Add the ones.
- 2 ones and 7 ones = 9 ones
- Write 9 in ones column.
- Write tens in tens column as it is.
- $12 + 7 = 19$

EXERCISE 2

Add the following.

T	O
2	4
+	5

T	O
7	2
+	7

T	O
5	3
+	2

T	O
9	1
+	7

T	O
8	0
+	9

T	O
4	7
+	2

T	O
8	2
+	6

T	O
6	7
+	1

T	O
3	2
+	7



ADDITION OF THREE 1-DIGIT NUMBERS

Example: Add 6, 3 and 2.

$$\begin{array}{r}
 6 \\
 + 3 \\
 + 2 \\
 \hline
 \square
 \end{array}$$

- Arrange the numbers by writing them one below the other.
 - Add 6 and 3. $6 + 3 = 9$
 - Add the third number to the result.
 $9 + 2 = 11$
- Therefore, $6 + 3 + 2 = 11$

Add the following.

i. $3 + 2 + 1$

ii. $2 + 3 + 3$

iii. $4 + 3 + 5$

iv. $6 + 3 + 0$

v. $2 + 4 + 5$

vi. $9 + 1 + 2$

ADDITION OF TWO 2-DIGIT NUMBERS

(Without Carrying)

Example: Add 24 and 32.

	T	O	
	2	4	2 tens 4 ones
+	3	2	3 tens 2 ones
	5	6	5 tens 6 ones

- Write the numbers one below the other.
- Add the ones.
 $4 \text{ ones and } 2 \text{ ones} = 6 \text{ ones}$
- Write 6 in ones column.
- Add the tens.
 $2 \text{ tens and } 3 \text{ tens} = 5 \text{ tens}$
- Write 5 in tens column.

Therefore, $24 + 32 = 56$

