

ARROW

CUBE

MATHEMATICS

Book - 2

Alka Ratti Bakshi



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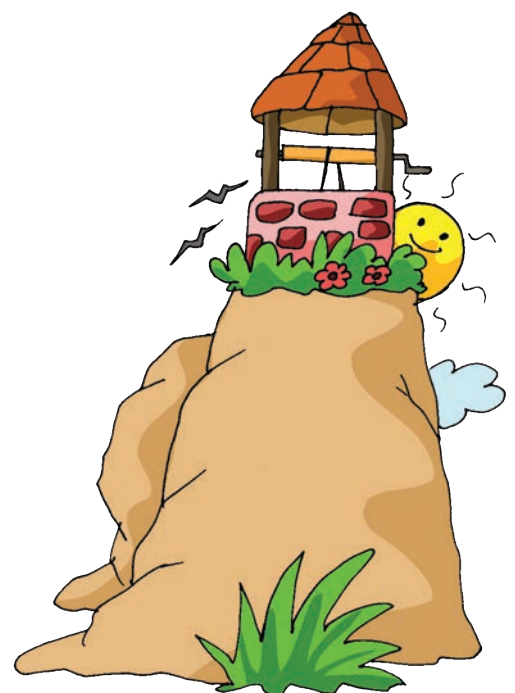


ARROW PUBLICATIONS PVT. LTD.[®]

C-11 A & B, TSIIC, Moula-Ali, Hyderabad - 500 040.

Ph : +91 91009 99026, 91009 99027

mail@arrowpublicationsindia.com



Preface

Mathematics is the science of numbers and their operations. Maths is all around us, in everything we do.

Learning maths skills is the pre-requisite and the building block for various vocations and professions. Therefore, it is imperative that learners have a sound knowledge of maths at an early age, in order to become confident at it in later life.

Our all new Maths series has been based on the premise that all students have an innate ability to learn mathematics if taught the right way. The series is designed with the aim of developing mathematical curiosity, reasoning, logical and critical thinking in the young learners.

The series is well-structured and is presented in an interesting and easy-to-understand manner, through plenty of examples and activities linked to children's real life situations and experiences.

A unique feature of the series is the progression from simple to complex and known to unknown concepts in order to make learners active participants in the learning process.

All efforts have been made to make the learning of mathematics relevant and useful in real life.

Salient Features of CUBE MATHEMATICS Series

- Graded and interesting content across the series
- **Warm Up** introduces the topics
- **Let's Understand** explains concepts with examples
- **Let's Practise** provides exercises to test understanding of concepts
- **Quick Maths** develops speed in working out sums
- **Math Puzzler** triggers thinking and reasoning skills
- **Math Fact** gives interesting facts
- **Fun with Maths** provides fun activities
- **Math Info** gives snippets of information
- **Math Challenger** presents questions to test higher order thinking skills
- **Math Tip** provides useful tips to solve problems
- **Mathletics** develops mental maths skills
- **Mathmagic** makes learning fun
- **Math Tricks** contains interesting tricks to develop maths skills

We are confident that the CUBE MATHEMATICS Series will equip learners with necessary maths skills both for academic life and real-life.

We hope the series makes for an interesting and enjoyable learning experience for the young learners.

-Publishers

HIGHLIGHTS OF **CUBE** Mathematics



WARM UP

Starters in each chapter to arouse the interest of the learner

LET'S UNDERSTAND

Concepts explained in an easy to understand manner with examples

LET'S PRACTISE

Graded exercises in each concept

QUICK MATHS & EVERYDAY MATHS

Objective type questions in every chapter to reinforce concepts

FUN WITH MATHS

Fun activities in every lesson to make learning of maths enjoyable

MATH TIP

Tips to work out sums



MATH CHALLENGER

Questions to develop Higher Order Thinking Skills

MATH TRICKS

Tricks to help students do calculations fast and remember facts

MATH INFO

Information about concepts in maths

MATHMAGIC

Magic tricks with numbers to make learning fun

MATH FACT

Interesting facts about concepts in maths

MATH PUZZLER

Puzzles and riddles to develop logic and thinking in learners

MATHLETICS

Sums for mental exercise



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1

Numbers Upto 99 (Revision)

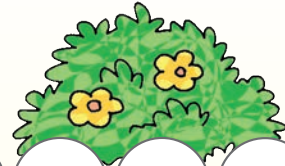


WARM UP!

Write the missing numbers.



1 5 10



 18 14

22

 26 30

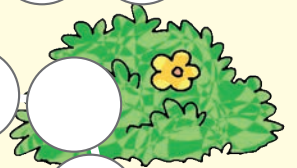
45 41 35



 48 54

 67 63 59

 73 77



 88 83

 92 95 100

Key Concepts

- * Numbers and Number Names
- * Comparing Numbers
- * Before, Between and After
- * Ordering Numbers

1. Write the number names for the given numbers.

1. 87

5. 62

2. 93

6. 49

3. 88

7. 56

4. 75

8. 33

2. Write the numbers for the number names.

1. Eighty-nine

5. Nineteen

2. Ninety-one

6. Thirty

3. Hundred

7. Seventy

4. Twelve

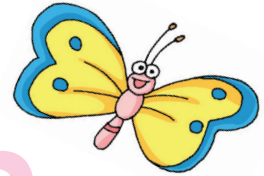
8. Eleven



99 is the greatest two-digit number.
100 is the smallest three-digit number.



BEFORE, AFTER AND BETWEEN



1. What comes before the given number?

1. 9

4. 59

7. 40

2. 18

5. 70

8. 63

3. 17

6. 28

9. 92

2. What comes after the given number?

1. 8

4. 45

7. 88

2. 19

5. 69

8. 59

3. 30

6. 72

9. 93



3. What comes between the given number?

1. 7 9

4. 29 31

7. 35 37

2. 11 13

5. 42 44

8. 89 91

3. 17 19

6. 59 61

9. 65 67



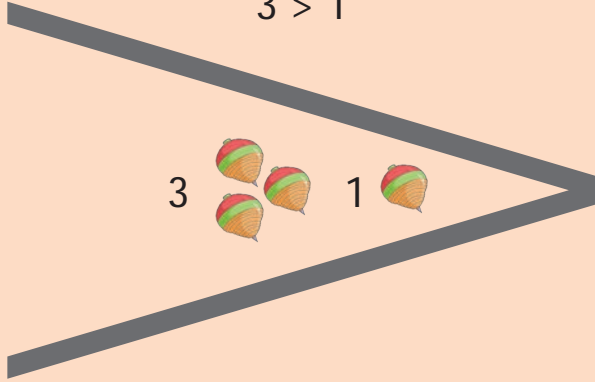
The number 40 (forty) is the only number that has letters written in the alphabetical order.

COMPARISON OF NUMBERS

Greater Than

3 is greater than 1

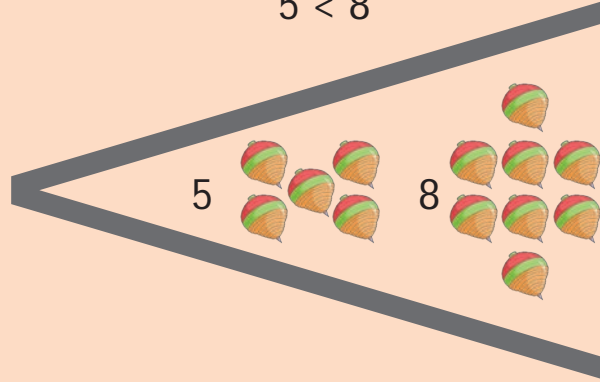
$$3 > 1$$



Less Than

5 is less than 8


$$5 < 8$$


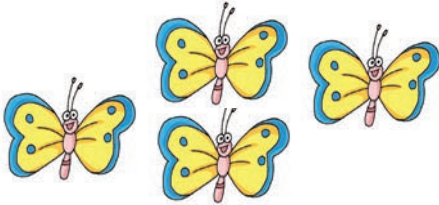


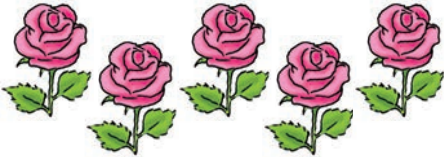

Math Info

A two-digit number is always greater than a one-digit number.

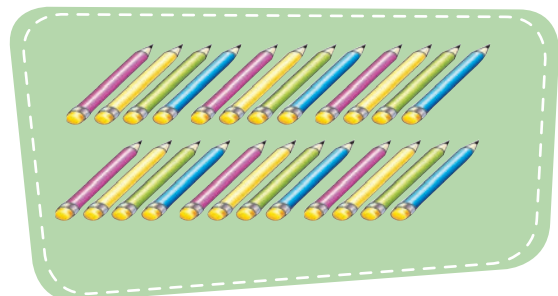
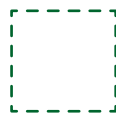
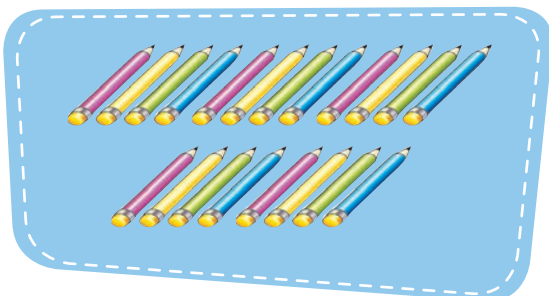
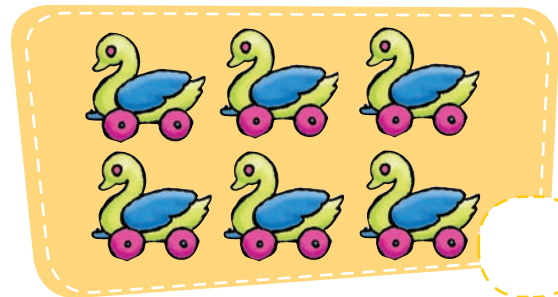
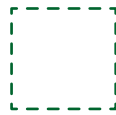
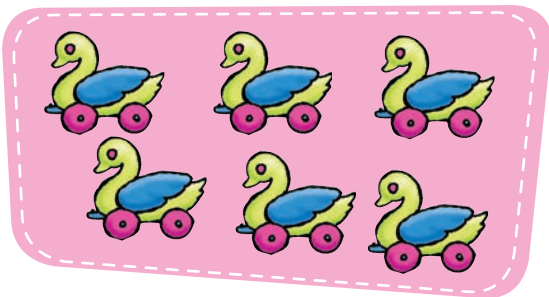
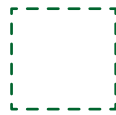
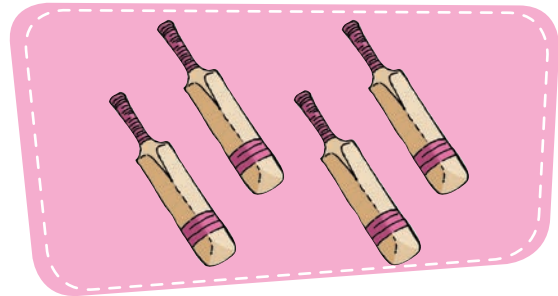
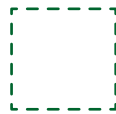
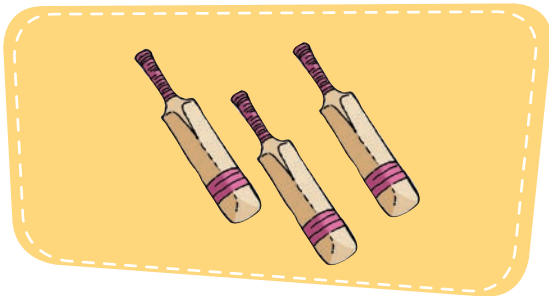
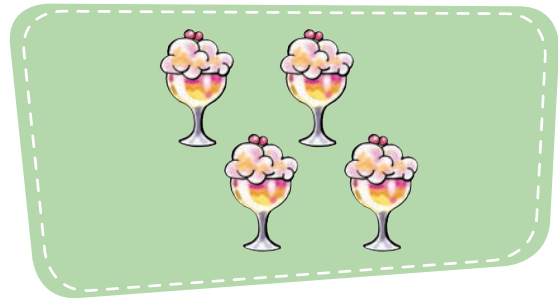
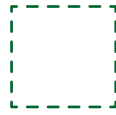
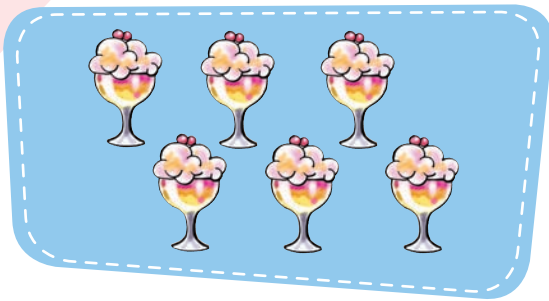
1. Put a \checkmark in the box to show which part has greater number of objects.

II. Put the symbol $>$, $<$ or $=$ in the box.



III. Write the number and then put the symbol $>$, $<$ or $=$ in the box.

6 tens and 3 ones

63

$>$

3 tens and 9 ones

39

4 tens and 6 ones

4 tens and 2 ones

9 tens and 1 one

8 tens and 6 ones

7 tens and 3 ones

6 tens and 7 ones

5 tens and 5 ones

5 tens and 2 ones

3 tens and 3 ones

2 tens and 9 ones

2 tens and 8 ones

2 tens and 0 ones

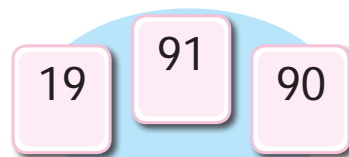
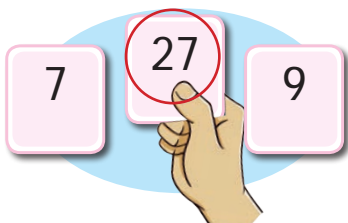
8 tens and 4 ones

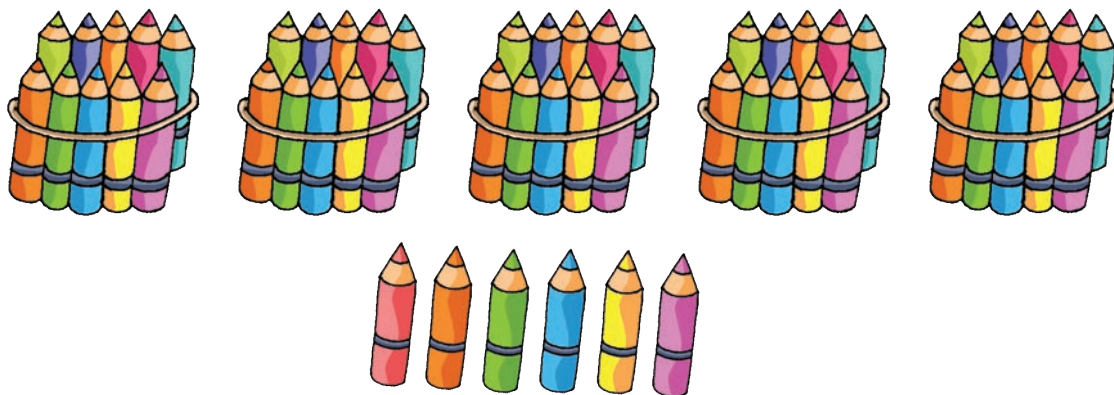
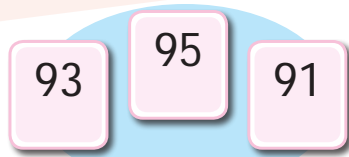
8 tens and 2 ones

1 ten and 2 ones

1 ten and 2 ones

IV. Circle the card with the greatest number in each set.





- How many pencils are there altogether?
- tens and ones pencils.
- Number name
- comes after the given number.
- comes before the given number.