

Understanding MATHEMATICS



ACTIVITY KIT
Inside





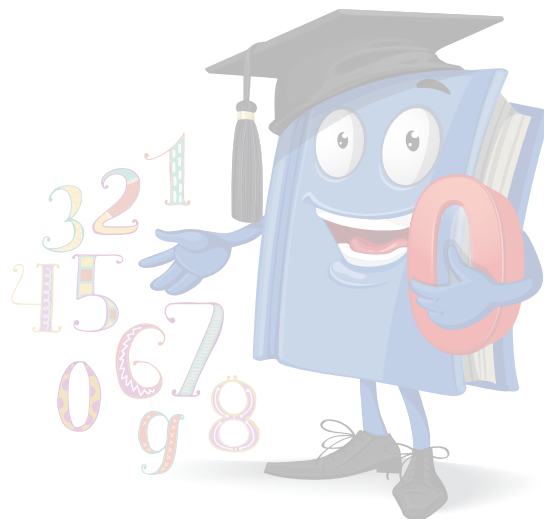
Understanding MATHEMATICS

C. Sailaja

NASR Girls School (Primary Section)
Hyderabad

Smita Ratish

New Horizon School (Primary Section)
Bengaluru





E-28, Sector-8, Noida-201 301 (UP)

Phone: 0120-4078900 • Fax: 0120-4078999

Toll free no.: 1800-8439050 (Dec. to Mar. 24 hrs. & April to Nov. 9:30 am to 6:00 pm)

Registered Office: 7361, Ravindra Mansion, Ram Nagar, New Delhi-110 055

E-mail: info@madhubunbooks.com • Website: www.madhubunbooks.com

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Ahmedabad Bengaluru Chennai Hyderabad Kolkata Mumbai Patna

Understanding MATHEMATICS (PRIMER B)

First Edition 2017

ISBN: 978-93-5259-270-8

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Preface

Understanding MATHEMATICS is a series of ten textbooks of mathematics for classes Primer A, Primer B, 1 to 8. This series is written after extensive research and analysis to help the students develop reasoning and thinking skills. The concepts are explained by connecting mathematics with real-life situations.

The best way to master mathematics is by practicing. The questions in the exercises are graded from easy to complex based on the learning ability of the students.

Salient features of this book are as follows:

- * **Maths and our Environment:** A blend of mathematics with Art, Language and Environmental Sciences
- * **Fun with Mental Maths:** Questions to sharpen the mind by doing quick calculations
- * **Activity time:** Hands-on learning to consolidate mathematical concepts

It is hoped that this series will make the learning of mathematics an enjoyable experience.

Suggestions regarding improvement of series are always welcome.

The Publisher

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1

Spatial Relationships

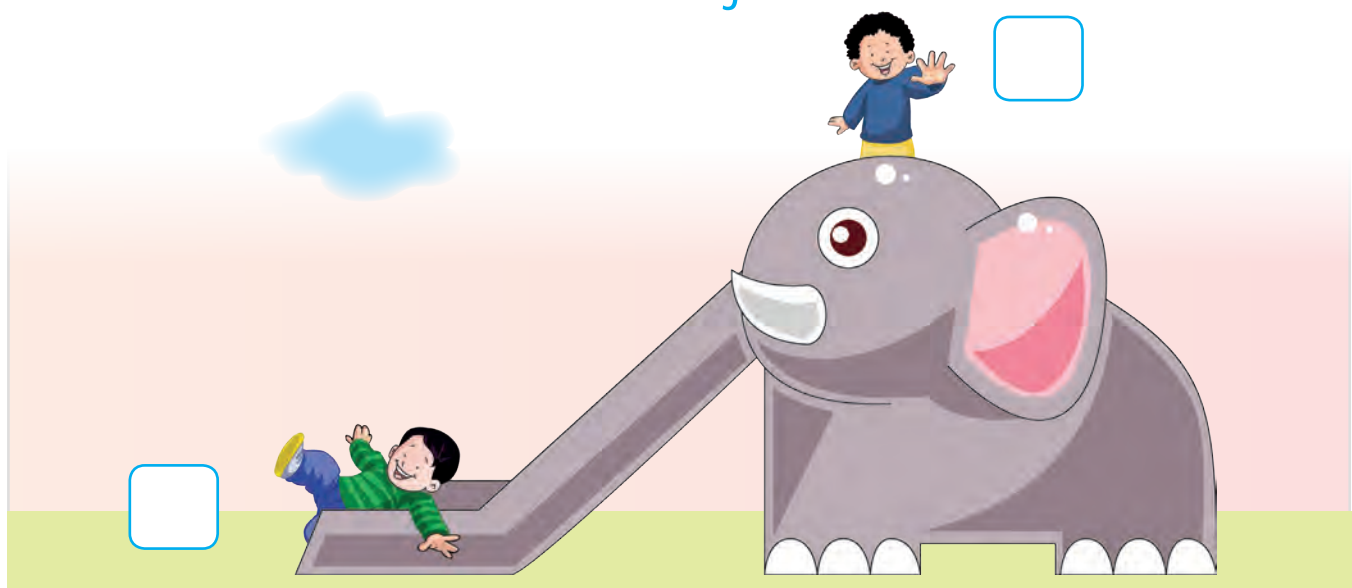


TOP-BOTTOM



Raj is at the **TOP** of the wall.
Anu is at the **BOTTOM** of the wall.

Tick (✓) the child who is at the top and cross (x) the one that is at the bottom of the slide.





ON-UNDER

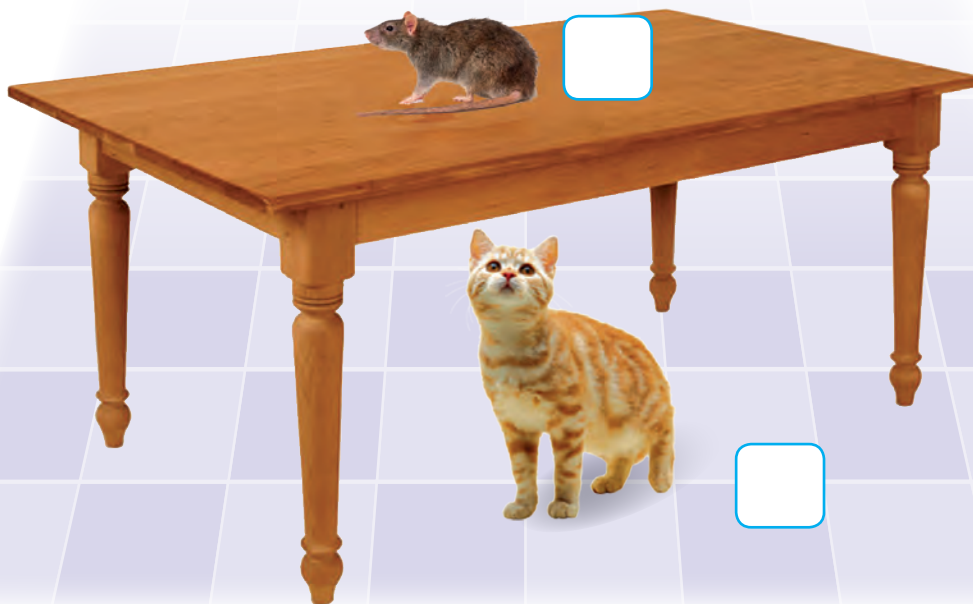


The bird is sitting **ON** the tree.

The rabbit is sitting **UNDER** the tree.



Tick (✓) the animal that is on the table and cross (✗) the one that is under the table.





INSIDE-OUTSIDE



Anil is **INSIDE** the playhouse.
Kanak is **OUTSIDE** the playhouse.

 Tick (✓) the dog that is inside the kennel and cross (✗) the one that is outside the kennel.





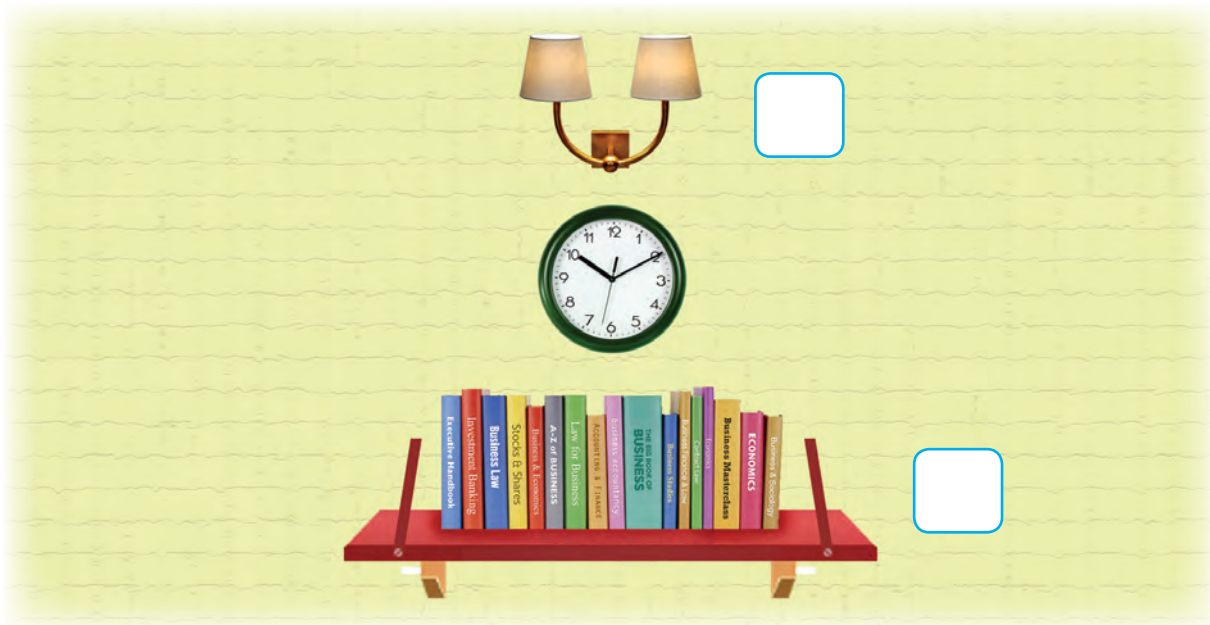
ABOVE-BELOW



The sun is shining **ABOVE** the clouds.
The eagle is flying **BELOW** the clouds.



Tick (✓) the one that is above the clock and cross (✗) the one that is below the clock.



NEAR-FAR



The squirrel is **NEAR** the tree.
The puppy is **FAR** from the tree.

 Tick (✓) the child who is near the bicycle and cross (✗) the one who is far from the bicycle.



Activity Time



MAKING A GREETING CARD

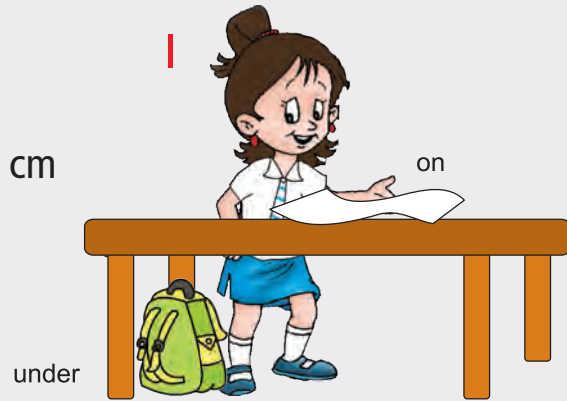
Materials needed

1. A square piece of paper 15 cm × 15 cm (available in the Activity Kit).
2. Pencil and eraser
3. Crayons

Steps

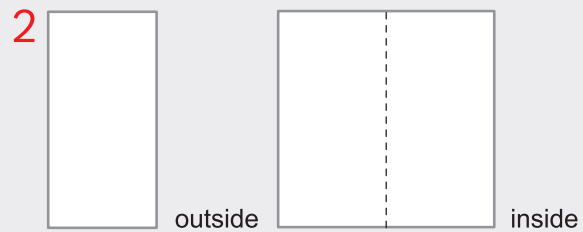
Teacher will help the children:

1. Spread the paper **on** your table. Place your bag **under** the table.

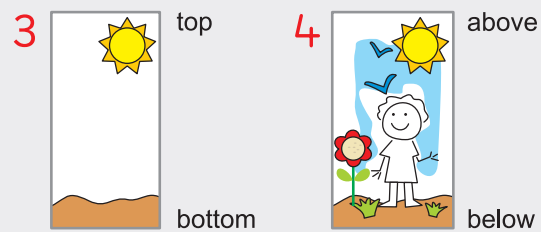


2. Fold the paper.

First work on the **outside** of the paper and then on the **inside**.



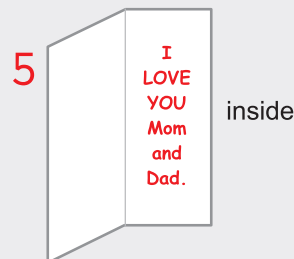
3. Draw sun on the **top** right-hand corner. At the **bottom**, draw ground.



4. Draw a picture of yourself.

Now, draw birds flying **above** your picture and green grass **below** your picture. Next draw a flower on the left side.

5. Now, open the card and write the following **inside**: I LOVE YOU Mom and Dad.



2

Let Us Recall Numbers



NUMBERS AND NUMBER NAMES



Trace and write the numbers and the number names.

1	1		ONE	ONE	
2	2		TWO	TWO	
3	3		THREE	THREE	
4	4		FOUR	FOUR	
5	5		FIVE	FIVE	
6	6		SIX	SIX	
7	7		SEVEN	SEVEN	
8	8		EIGHT	EIGHT	
9	9		NINE	NINE	
10	10		TEN	TEN	

The toy car has _____ wheels.

The tricycle has _____ wheels.



Which toy has more wheels? _____

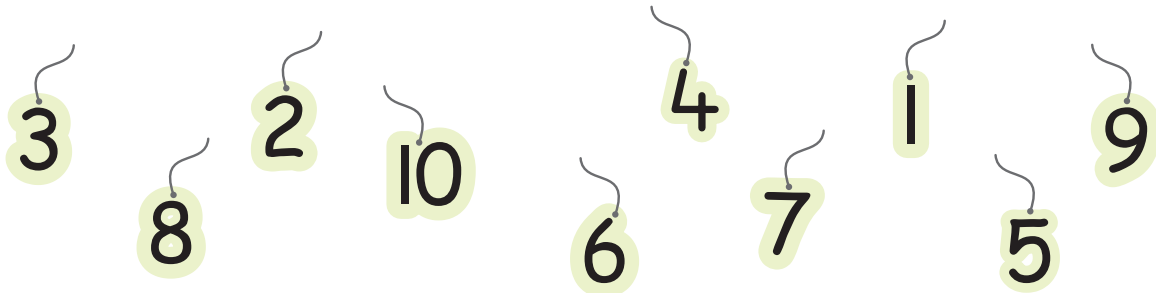
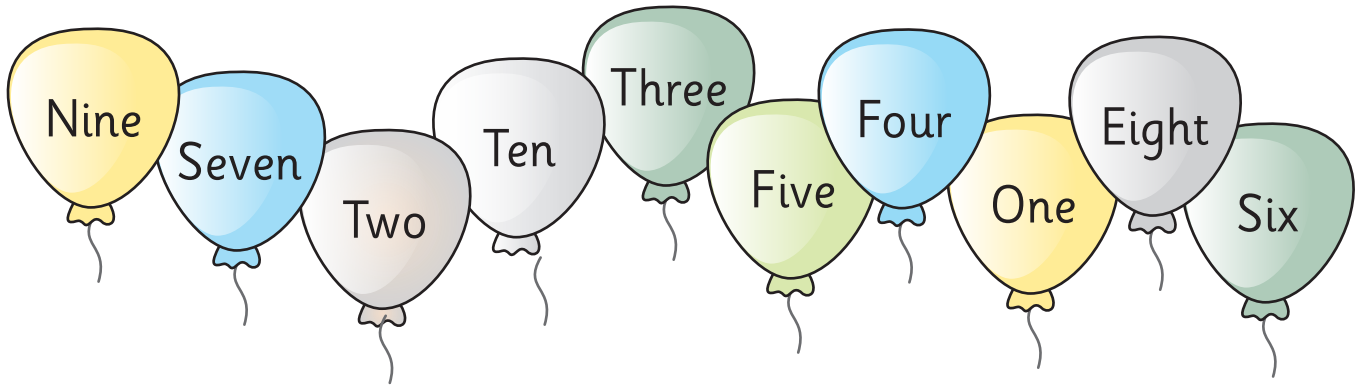
The bigger number is _____.



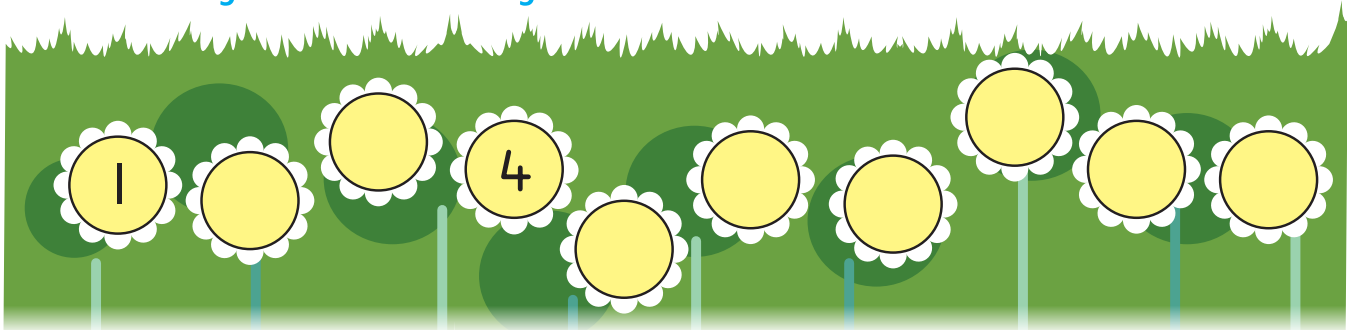
Its number name is _____.



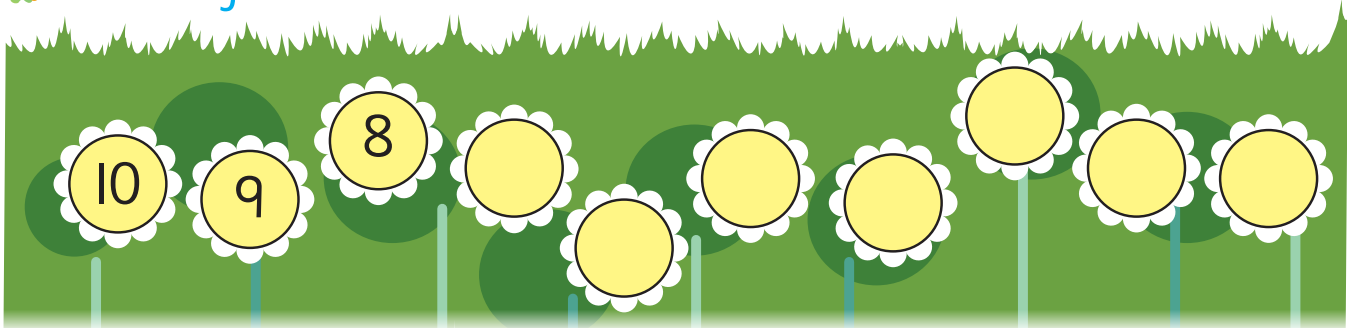
Draw the strings to join balloons with the number names to the correct numbers.



Write from 1 to 10 forward.



Write from 10 to 1 backward.





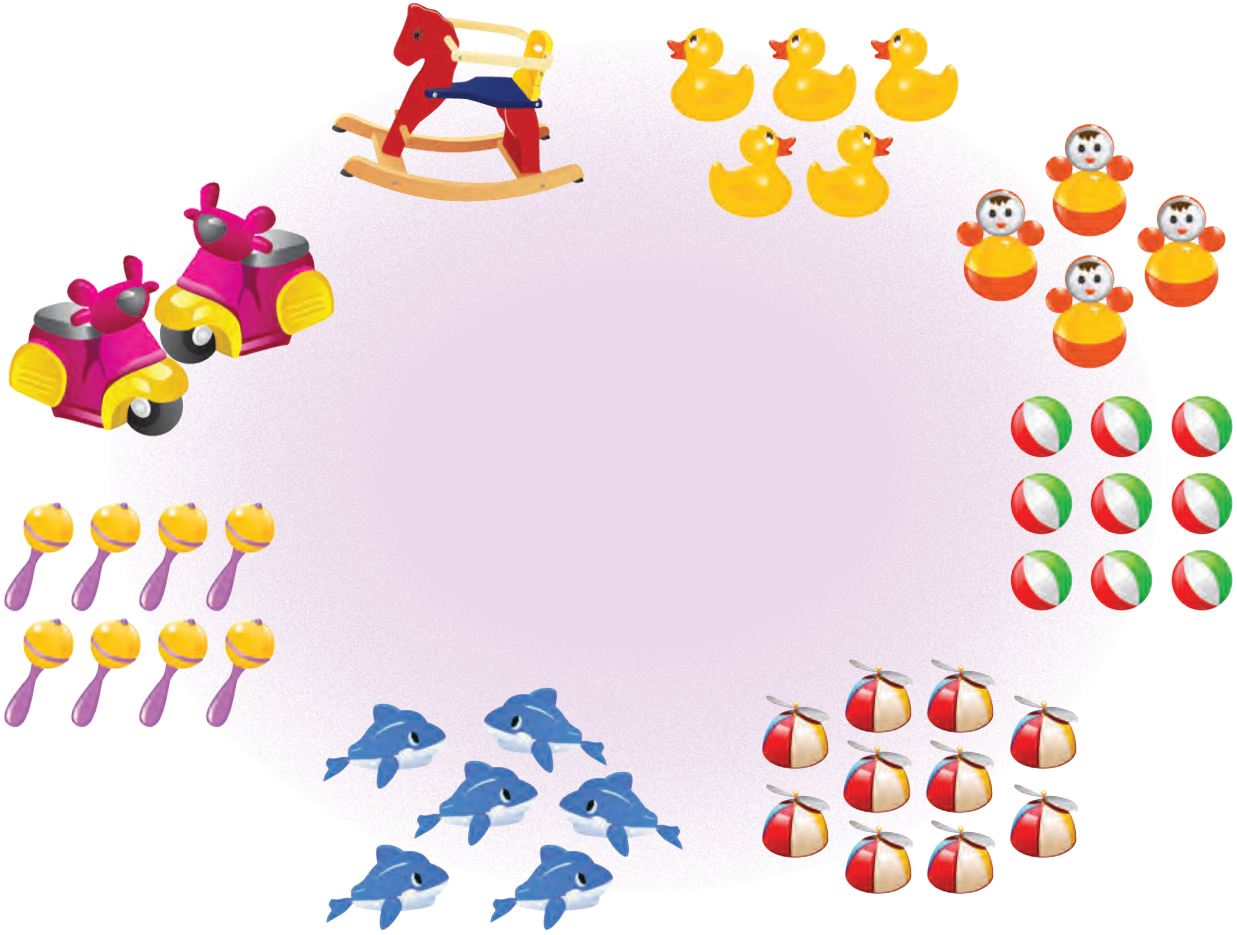
Draw lines to match the number names to the correct collection.

One

Two

Four

Five



Six

Eight

Nine

Ten



Count the dots and write the numbers in the box.

3								



Count and circle the correct number. One has been done for you.



5 6
7

8 10
9



2 3
4

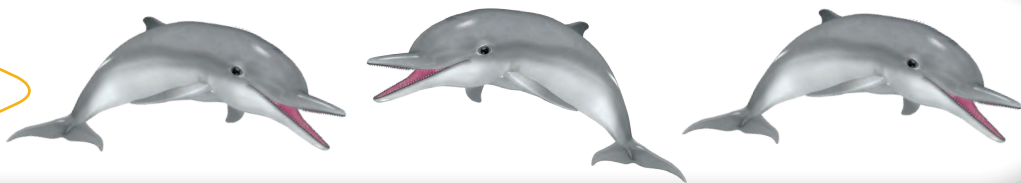


6 7
8



4
6 8

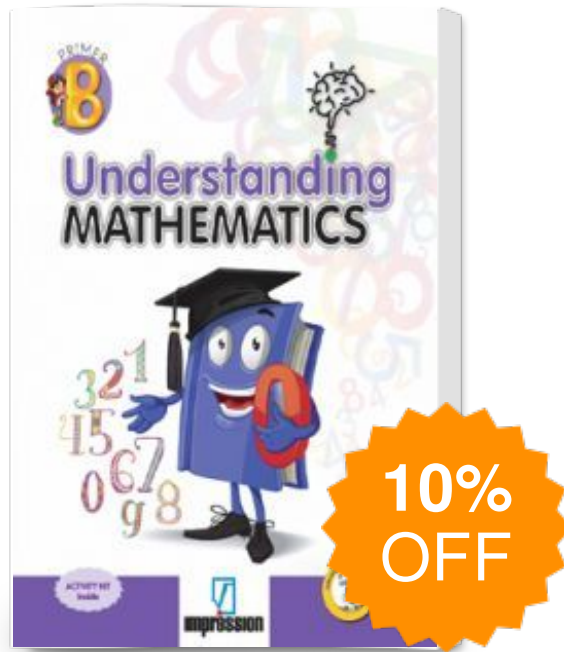
1 3
2



4
3 9



Understanding Mathematics - Primer B



Publisher : Madhubun Books

ISBN : 9789352592708

Author : C. Sailaja, Smita
Ratish, Lata Wishram

Type the URL : <http://www.kopykitab.com/product/20431>



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