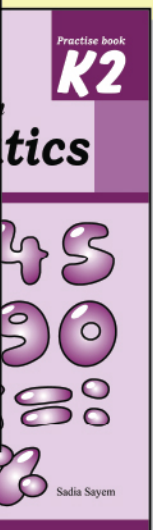
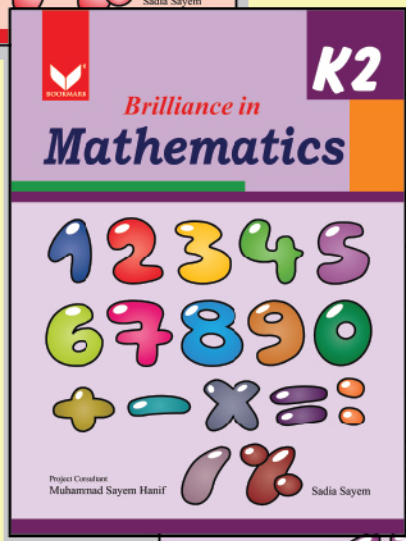
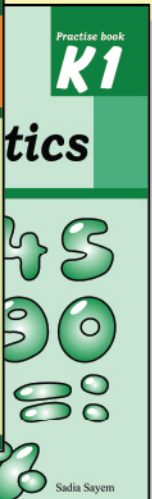
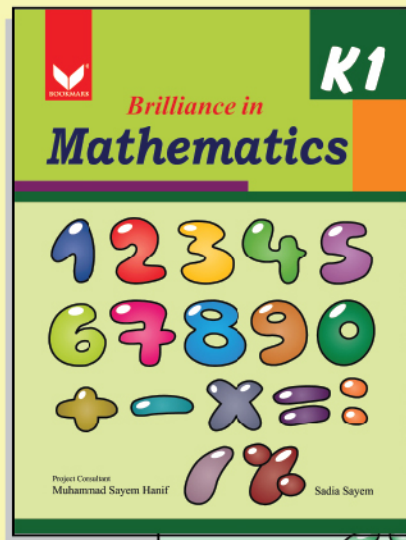
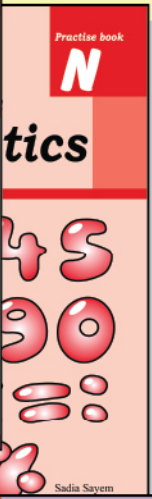
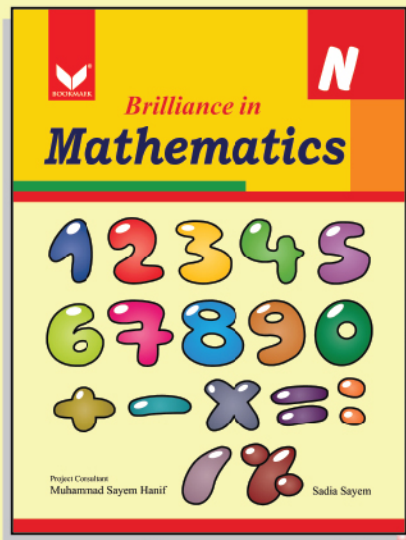




*Brilliance in*

# Mathematics

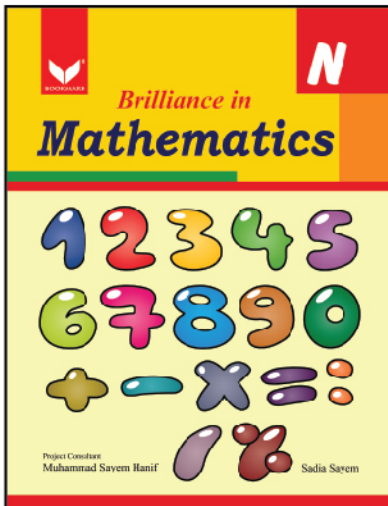
A complete solution of Mathematics of schools



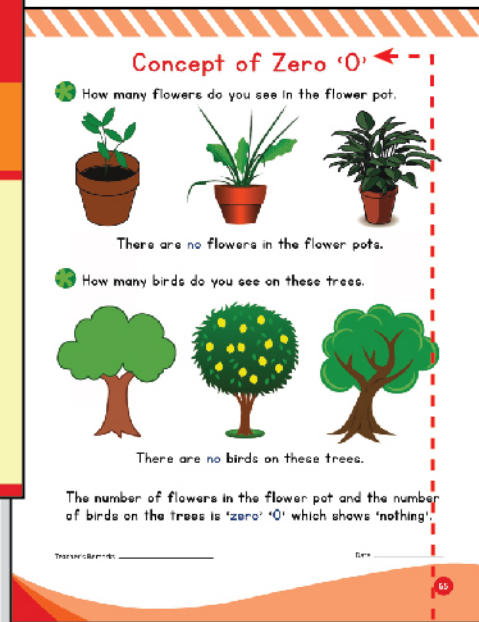
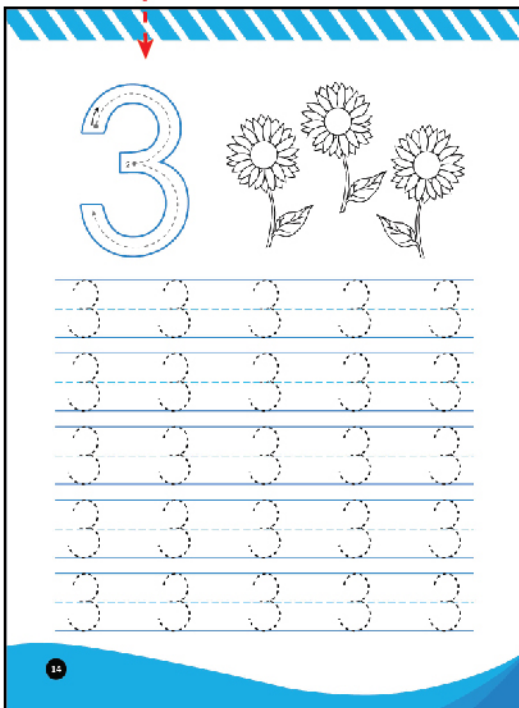
# Brilliance in Mathematics

## Pre-Primary Year 1 – Grade VIII

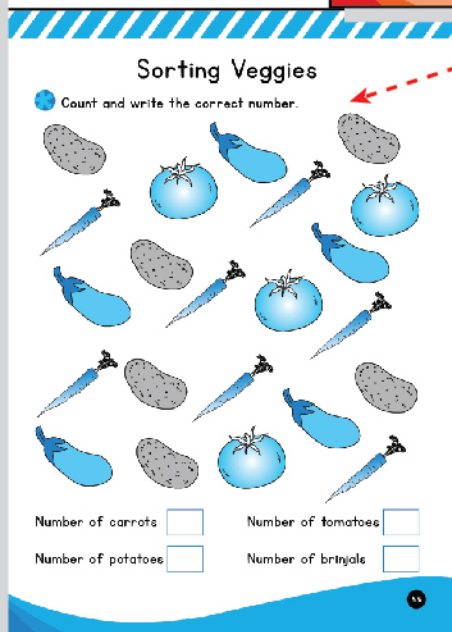
**Brilliance in Mathematics** is a textbook series that is introduced from pre-primary levels till grade VIII. It is written in accordance with the National Curriculum of Pakistan. These books will work as a tool for the students to understand the basic concepts and terms of Mathematics in a very simple and easy way. Each topic is illustrated by relevant pictures and examples that will help to grasp and reinforce the mathematical skills.



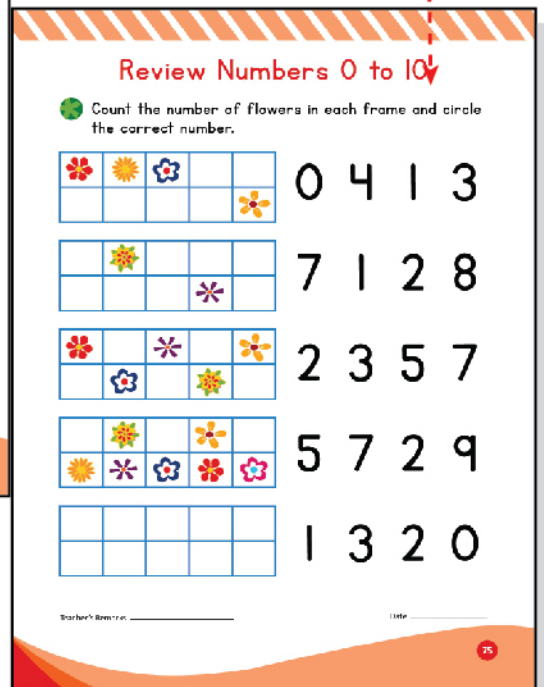
Excessive practice is provided for pupils to master number formation.



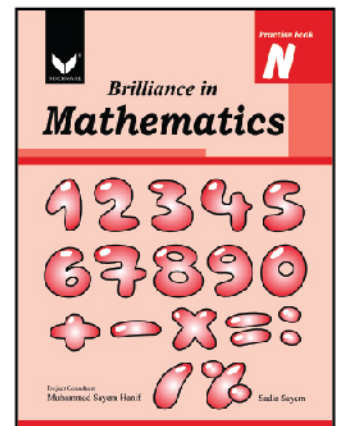
Style and vocabulary used suits the age level of students.



Sufficient exercises for practice and revision in both the textbooks and practice books.



Exercises are designed in order to develop thinking and reasoning power of students at an early age.



Contents of this series are perfectly well designed according to the requirement of the curriculum and child's age.

**Farah Arif Lari** - Principal - Ladybird Grammar School, Karachi

Follows spiral approach that is the prior concepts are regularly tested and revised in the following books.

**Review Shapes**  
Circles, Squares, Rectangles, Triangles

Identify the shapes you have learnt. Count and colour them in the following picture.

There are \_\_\_\_\_ squares.

There are \_\_\_\_\_ rectangles.

There are \_\_\_\_\_ circles.

There are \_\_\_\_\_ triangles.

Teacher's Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Clocks: Reading the Time**

**What Time is it?**

Mrs. Ali is teaching the children how to tell the time. She shows them this clock, which says it is 2 o'clock.

Look at the hands on the clock. They point to numbers. One hand is longer than the other. It is called the **minute hand**. The other hand is shorter. It is called the **hour hand**. We know it is 2 o'clock because the big hand is pointing at 12 and the small hand is pointing at 2.

Teacher's Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Brilliance in Mathematics K1**

Project Co-ordinator: **Muhammad Sajwan Hanif** | Sadiq Sajwan

Detailed explanation of core mathematical concepts.

Guided practice is provided for individual learners.

**Brilliance in Mathematics K1**

Project Co-ordinator: **Muhammad Sajwan Hanif** | Sadiq Sajwan

**What comes before/after?**

Write down the number that comes before or after the given numbers.

|                            |                            |
|----------------------------|----------------------------|
| <input type="text"/> 15 16 | <input type="text"/> 13 14 |
| <input type="text"/> 5 6   | <input type="text"/> 7 8   |
| <input type="text"/> 1 2   | <input type="text"/> 8 9   |
| <input type="text"/> 18 19 | <input type="text"/> 10 11 |
| <input type="text"/> 15 16 | <input type="text"/> 9 10  |
| <input type="text"/> 13 14 | <input type="text"/> 16 17 |
| <input type="text"/> 17 18 | <input type="text"/> 1 2   |
| <input type="text"/> 15 16 | <input type="text"/> 18 19 |

Teacher's Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Opposites (Left / Right)**

- Draw and colour two circles on the right of the star.
- Draw and colour two rectangles on the left of the star.
- Draw and colour two squares on the left of the star.
- Draw and colour two triangles on the left of the star and a circle on the right of the star.

Teacher's Name: \_\_\_\_\_ Date: \_\_\_\_\_

Exercises organised in the increasing order of difficulty.

**Brilliance in Mathematics** **K2**


1 2 3 4 5  
6 7 8 9 0  
+ - × = ÷


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Subject matter is covered according to the prescribed syllabus in a creative manner.


### Addition Problems

The Ahmed's family is having a picnic. But the ants have taken away their food. Use addition to find out how many ants took the food away. The first one is done for you.

  $1 + 2 = \underline{\quad}$   
How many ants took away the fruits?

  $\underline{\quad} + \underline{\quad} = \underline{\quad}$   
How many ants took away the vegetables?

  $\underline{\quad} + \underline{\quad} = \underline{\quad}$   
How many ants took away the hot dogs?


  $\underline{\quad} + \underline{\quad} = \underline{\quad}$


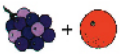
Date: \_\_\_\_\_

Contains exercises to challenge mathematically gifted students.



### Fruity Fun

Count the fruits and have fun.





  $\underline{\quad}$        $\underline{\quad}$



$\underline{\quad}$       $\underline{\quad}$

  $\underline{\quad}$        $\underline{\quad}$

$\underline{\quad}$       $\underline{\quad}$

  $\underline{\quad}$        $\underline{\quad}$

$\underline{\quad}$       $\underline{\quad}$


  $\underline{\quad}$        $\underline{\quad}$

$\underline{\quad}$       $\underline{\quad}$

Date: \_\_\_\_\_

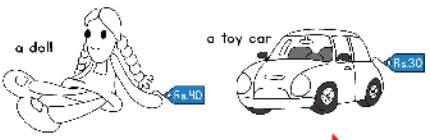
### Go Shopping

Count the money that you have and write it on the given space.



Total

You like two toys in the market.




Which toy can you buy? \_\_\_\_\_


How much change will be left with you? \_\_\_\_\_


### Shapes

Colour the circles ● pink, squares ■ brown, rectangles ▭ yellow and triangles ▲ blue.



How many?

 \_\_\_\_\_

 \_\_\_\_\_

**Brilliance in Mathematics** **K2**

1 2 3 4 5  
6 7 8 9 0  
+ - × = ÷

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Present real life situations and examples to relate mathematics to daily life.

Ample practice is given for each topic covered in the textbook.

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