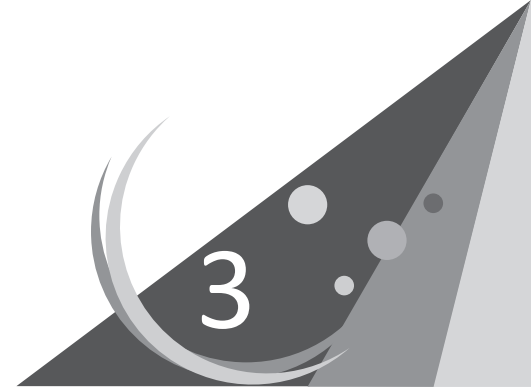


Subtraction



LESSON PLAN

SPECIFIC OBJECTIVES

The students will

- learn subtraction of 3-digit numbers (without borrowing) by regrouping ones, tens and hundreds digits.
- learn vertical subtraction of 3-digit numbers (without borrowing) under different given conditions.
- learn vertical subtraction of 3-digit numbers (with borrowing) under different given conditions.
- know the use of subtraction to tackle the daily life problems.
- understand the properties of subtraction.

CONTENTS EXPLAINED INSIDE THE CHAPTER

- Subtraction of 3-Digit Numbers (Without Borrowing) (page 116)
- Vertical Subtraction (Without Borrowing) (page 117)
- Vertical Subtraction Without Borrowing (pages 117–118)
(Subtraction of 2-digit and 1-digit numbers from 3-digit numbers)
- Vertical Subtraction With Borrowing (pages 119–120)
(Subtracting a 3-digit number from 3-digit number)
- More on Vertical Subtraction With Borrowing (Double Borrowing) (pages 120–121)
- More on Vertical Subtraction With Borrowing (pages 121–122)
(Subtraction of 2-digit and 1-digit numbers from 3-digit numbers)
- Subtraction Stories (pages 122–124)
- Subtraction Facts (page 124)

TEACHING AIDS

Grid papers, units cubes, a chalk, a blackboard, a chart paper, etc.

TEACHING STRATEGY

- The teacher should recall the subtraction of numbers upto 2-digits and then ask the students to solve the questions from part (A to C) given in 'Let Us Recall' on page 115.
- Using the expansion of numbers, the teacher should discuss the subtraction of two 3-digit numbers (without borrowing) by regrouping the digits at ones, tens and hundreds places, respectively on the blackboard. Thereafter she should go through the page 116 for text and exercise 3.1.
- After that, she should move to the vertical subtraction of 3-digit numbers (without borrowing) under different given conditions. She can use the chalk and a blackboard to solve a few questions in the class and then ask the students to do exercises 3.2 and 3.3 given on pages 117–118.
- Again, the teacher should do few questions on a blackboard to explain the vertical subtraction of 3-digit numbers (with borrowing) under different given conditions. Thereafter, she should go through the pages 119–121 for related text and exercises and involve the students in practising these questions.
- Now, the teacher should explain, how to subtract a 2-digit or 1-digit number from a 3-digit number (with borrowing).
- To make the topic enjoyable, she should involve the students of the class to perform Maths Lab Activity given on pages 125–126. The she should go to the pages 121–122 for text and exercise.
- After that, the teacher should talk about some situations from daily life involving applications of subtraction and hence go to solve problems of exercise 3.7.
- Thereafter, she should discuss with them about properties of subtraction and then go through page 124 for related text and exercise 3.8.
- At last, she should ask the students to have fun by completing the job given under Fun Zone.

EXPECTED LEARNING OUTCOMES

Students are able to

- Subtract 3-digit numbers (without borrowing) by regrouping the digits at ones, tens and hundred places, respectively.
- Subtract vertically 3-digit numbers (without borrowing).
- Subtract vertically 3-digit numbers (with borrowing).
- Subtract 2-digit and 1-digit numbers from a 3-digit number (with borrowing).
- tackle the daily life problems involving subtraction of bigger numbers.
- understand the properties of subtraction.