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Grade : 6

Subject : - Mathematics

Week   : 6

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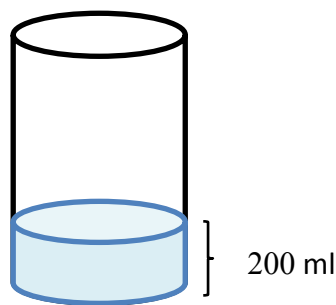
Unit : - Estimation and Rounding off

Number of Periods : 08

- Clearly understand the pages 76 and 77 in the text book.

- Write 5 instances where you guess a close value without counting.

- Ex : number of bananas in a banana bunch

> **Finding a close value for the number of items without counting the all items in a certain collection of items is defined as estimation.**

- Understand the Example 1 and 2 in page numbers 77 and 78 in the text book.

1. The volume of water in vessel A is 200 ml. Estimate the water capacity of that vessel.
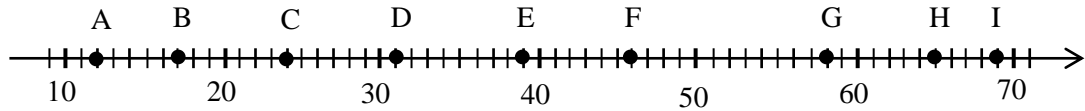

200 ml

A

2. The number of banana combs in a banana bunch is 7. The number of bananas in a comb is 15. Estimate the total number of bananas in the bunch.

- Answer the Exercise 6.1 in page numbers 78 and 79 in the text book.

- Write the steps to follow to write a number in the nearest 10 a number.

> **Writing a whole number as it's the nearest multiple of ten is called as rounding off to the nearest multiple of ten.**

1) Observe the following number line carefully. Answer the following questions asked from that.

A B C D E F G H I

10   20   30   40   50   60   70

Write the numbers represented by A, B, C, D, E, F, G, H and I.

Write the nearest multiple of ten for each number in the relevant cage.

.

10	20	30	40

> **The number which is in the right halfway of two multiples of ten, will be rounded off to the biggest multiple of ten.**

Ex :- 45 ⟶ 50

65 ⟶ 70

115 ⟶ 120

975 ⟶ 980

> **If the digit in the ones place of a number is 1, 2, 3, 4 then that number will be rounded off to the closest multiple of 10 which is less than that number. If the digit in the ones place is 5, 6, 7, 8, 9 then that number will be rounded off to the closest multiple of 10 which is greater than that number.**

Ex :- 43 ⟶ 40

54 ⟶ 50

56 ⟶ 60

98 ⟶ 100

113 ⟶ 110

➢ Complete the following table.

Number	When rounding off to the nearest 10
15	20
34	
47	
95	
113	
174	
186	

- Clearly understand the examples 1, 2 and 3 in the page 81 in the text book.

Write the number in box B , when rounding off the numbers in the Box A and the answer is 50.

Numbers
43, 45, 47, 44, 48, 49, 51, 57, 53, 41, 52, 54, 58, 52, 54, 58, 59, 42

A

Numbers which when rounded off has, 50 as the answer

B

- Answer the Exercise 6.2 in page numbers 82 and 83 in the text book.

- Look at the pages 83 and 84. Answer the miscellaneous exercise given. Discuss and solve the doubts with your teacher, which arise while doing the exercise.