

GRADE: VI MONTH/WEEK/DATE: April/ W-1/ 04-04-22 to 08-04-22
SUBJECT: Mathematic NAME OF THE TEACHER: Ms.Sarita,Ms.Kameshwari,Mr.Naresh

Notes for the parents:

- Dear parents, we hope that this learning module for the week serves its purpose with regards to student's understanding and learning.
- The learning content for the week is attached day wise in this module to facilitate learning for your ward.
- For better clarity, kindly zoom the content.
- Please refer to the page numbers of the text book mentioned in the module for the learning content which is mentioned in the day wise planning. E-content is attached in the module as well.
- Important notes for the chapter are attached with the learning module and the student must go through those for revision of the concepts.
- By the end of the chapter, the students should be able to:
- Convert the units of measurement from largest to smallest and vice versa
- Estimate the sums , difference ,products and Quotients of numbers using approximation
- Represent numbers in Roman system of numeration
- Classify numbers as natural numbers and whole numbers

Day-wise briefing for this learning module:

Days	Topics to be covered this week			
Day 1	Ch-1, Numbers, Topic: Estimation, Ex-1.2, Q. 3 to Q.5			
Day 2	Ch-1, Numbers, Topic: Roman Numerals, Ex-1.2, Q. 6 to Q.8			
Day 3	Ch-1, Numbers, Ex-1.2, Word Problems, Q.9 to Q.12			
Day 4	Ch-2, Whole Numbers, Topic: Natural numbers, Whole numbers, Number Line, Ex-2.1			
Day 5	Ex 2.1 Q5 to Q10			

Thank you.



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CONTENT- DAY-1

Chapter-1 / Numbers

Topic: Estimation

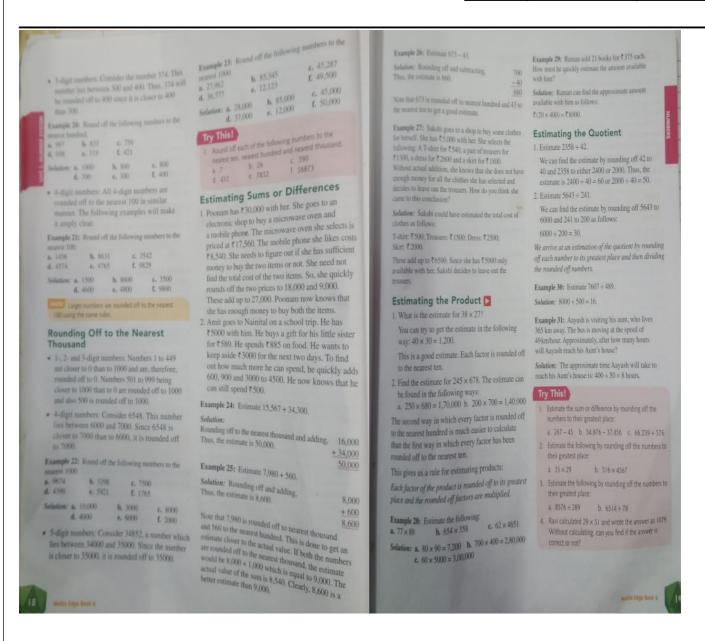
The teacher will explain the concept of estimating the mathematical operations:- sums, differences, product or the quotient; and how they are useful in the practical life with the help of examples, learning video and PPT.

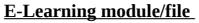
In order to explain the concepts thoroughly, teacher will discuss the related problems of Exercise-1.2 of Ch-1, Numbers.

The e-content for the Exercise-1.2 of Ch-1, Numbers and related concepts given in Math Edge textbook are attached below. Please check.



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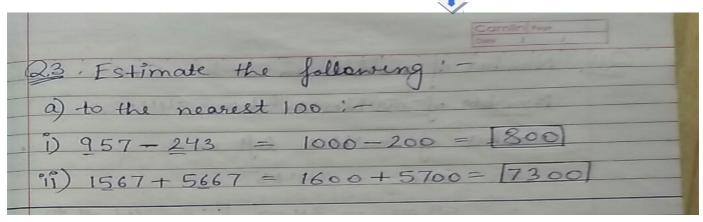




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1. Fill in the blanks: a. 75 × 2 km =	 Write the Roman numeral for: a. 83 b. 235 Write the given Roman numerals in Indian system of numerals: a. CCXXIX b. CDXLVII Which of the following Roman numerals are not valid? State the reason for your answer in each case. a. XXVI b. XVVI c. VXCI d. ICCVI e. LM f. XXXXV A milk booth in a residential colony has 1 kL and 750 mL of milk. If the booth provides 2L and 250 mL of milk to each family, then find the maximum number of families the booth can cater to. Also find how much milk will be left over? A bakery sells cookies in packs of 45 g each for ₹7.50 each. If the bakery produces 115 kg of biscuits every week, how many packs can be made out of the cookies baked? How much, if any, of the cookies will be left over? If the bakery is able to sell all the packets, how much money will they have in a week? A toy store had 5763 marbles in stock. In one month, the store was able to sell off 3445 marbles. Estimate the numbers to the nearest hundred. A post office dispatches 8638 letters to domestic addresses and 2468 letters to foreign addresses. Estimate the total number of letters dispatched by the post office, rounding off to the nearest ten.
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Solutions for selected parts of Q.3, (14 & Q.5:-



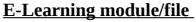
93	b) i) 6890 - 3132	[: to nearest 1,000]
25	= 7000 - 3000 $= 4000.$	
	11) 5296 + 8611	
30	= 5000 + 9000 $= 14000.$	



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1. Learning Video : https://www.youtube.com/watch?
v=99zEtdxu97o

*****End of Day-1*****





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CONTENT- DAY-2

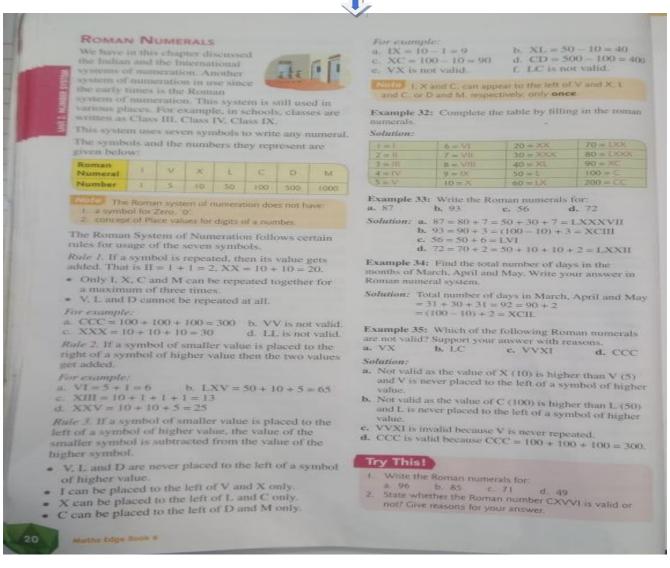
Chapter- 1 / Numbers

Topic: Roman Numerals

The teacher will explain the early system of writing numbers i.e. The Roman System of Numeration and explain how to find the value of these roman numerals in whole numbers by following some rules with the help of white board and PPT.

In order to explain the concepts thoroughly, teacher will discuss the related problems of Exercise-1.2 of Ch-1, Numbers.

The e-content for the Exercise-1.2 of Ch-1 and the related concepts given in Math Edge textbook is attached below. Please check.



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GRADE: VI SUBJECT: Mathematic

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Exercise 1.2

-	T11 11	THE R.	100	4800	4.7
_	BOATS IN	111	na i		15 10 10 1
-			ш	ж	HEAD)

a.	75 × 2 km =	km =	m
1	25 - 0251 -	1 -	Im

e.
$$85 \times 325 \text{ kg} = g$$

2. Round off the given numbers as indicated:

3. Estimate the following as indicated:

a. estimating each term to the nearest 100

ii. 1567 + 5667

iv. 759 - 654

b. estimating each term to the nearest 1000

ii. 5296 + 8611

iv. 7654 + 3999

4. Estimate the product by estimating each term to:

a. its greatest place

b. nearest 10

i. 458 x 512

ii. 297 x 716

iii. 782 x 403

iv. 726 x 501

5. Estimate the quotient by estimating each term to its greatest place.

b. 1449 ÷ 264

d. 3578 ÷ 77

- 6. Write the Roman numeral for: a. 83
- 7. Write the given Roman numerals in Indian system of numerals: a. CCXXIX b. CDXLVII
- 8. Which of the following Roman numerals are not valid? State the reason for your answer in each case. c. VXCI

a. XXVI

b. XVVI

f. XXXXV

e. LM d. ICCVI

9. A milk booth in a residential colony has 1 kL and 750 mL of milk. If the booth provides 2L and 250 mL of milk to each family, then find the maximum number of families the booth can cater to. Also find how much milk will be left over?

10. A bakery sells cookies in packs of 45 g each for ₹7.50 each. If the bakery produces 115 kg of biscuits every week, how many packs can be made out of the cookies baked? How much, if any, of the cookies will be left over? If the bakery is able to sell all the packets, how much money will they have in a week?

- 11. A toy store had 5763 marbles in stock. In one month, the store was able to sell off 3445 marbles. Estimate the number of marbles left over, rounding off the numbers to the nearest hundred.
- 12. A post office dispatches 8638 letters to domestic addresses and 2468 letters to foreign addresses. Estimate the total number of letters dispatched by the post office, rounding off to the nearest ten.



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Exercise-1.2 (Q.6 to Q.8)/ Sol tions:-

Camin rese
26 a) Roman Numeral for 83 = LXXXIII
b) Roman Numeral for 235 = CC XXXV
21 a) ccxx1x
= 100 + 100 + 10 + 10 + 9 $= 1229$
b) CDXLVII
= (500-100) + (50-10) + 7
= 400 + 40 + 7 = [447]
28. Which of the following are not valid?
a) XXVI = 26 and it's valid.
b) XVVI is not valid as V can't be repeated more than once.
e) VXCI is invalid as V can't be placed to the left of X
a) ICCVI is invalid as I can't be placed to the left of C.
e) LM is invalid as L is nevel subtracted and earl be placed to the lift of M.

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*****End of Day-2*

CONTENT- DAY-3

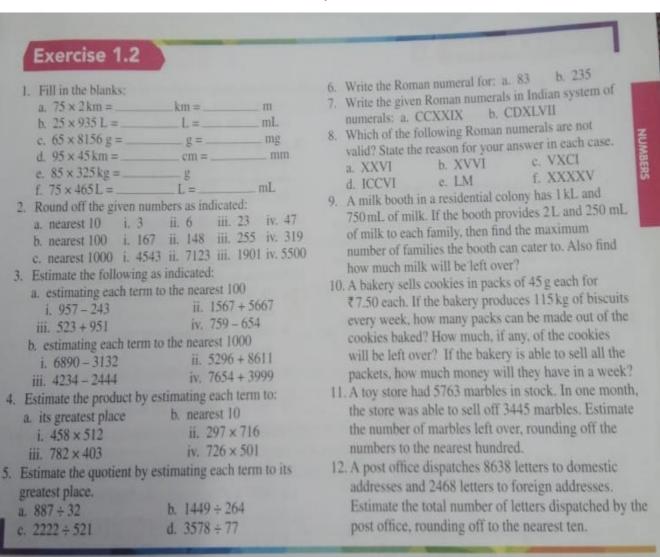
Chapter-1/ Numbers

Exercise-1.2 [Word Problems]

The teacher will reiterate the concepts learnt in previous class and explain how to comprehend the word problems based on large numbers with the help of white board and PPT.

In order to explain the concepts thoroughly, teacher will discuss the related word problems (Q.9 to Q.12) of Exercise-1.2 of Ch-1, Numbers.

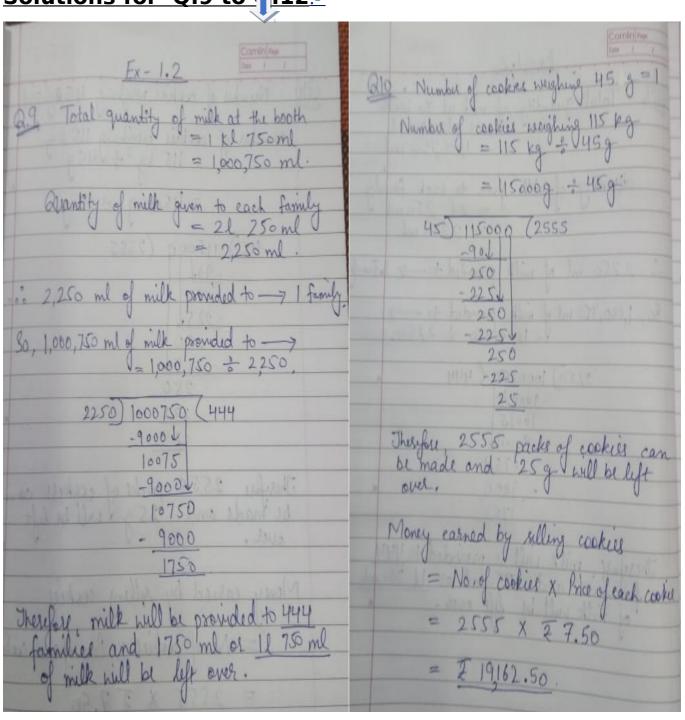
The e-content for the Exercise-1.2 of Ch-1, Numbers is attached below. Please check.





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Solutions for Q.9 to 1.12:-





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	Date f 1
211	Number of marbles in stock = 5763
	Number of marbles sold = 3445.
	Number of marbles left over
	= 5763 - 3445
	= 5800 - 3400 [: Rounded-off to the nearest hundred]
	= [2400].
	- 12014 16250 10 100 100 100 100 100 100 100 100 10
212	Total number of letters dispatched
	= 8638 + 2468
- James	= 8640 + 2470 [: Rounded off to the nearest ten]
1	= [1]10 nearest ten]
Se Colonia	= [1]10] nearest ten]

*****End of Day-3*****

E-Learning module/file



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CONTENT- DAY-4

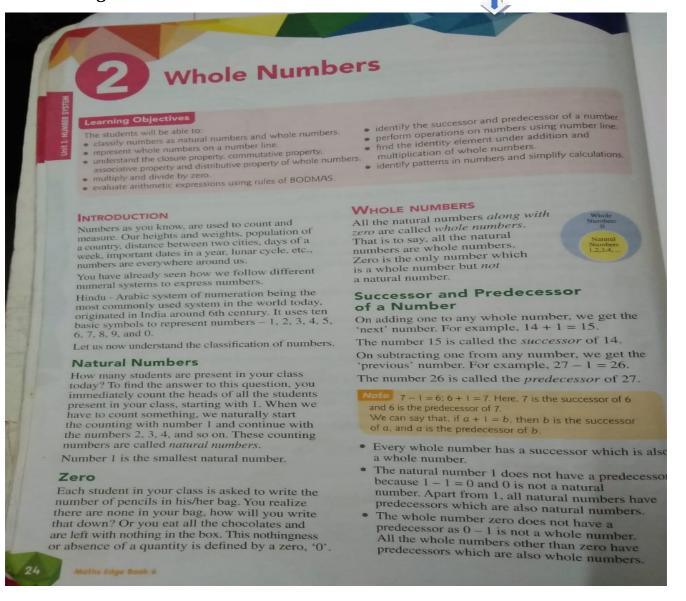
Chapter-2 / Whole Numbers

Topic: Introduction

The teacher will explain the concept of classifying numbers as natural and whole numbers and also how to represent the whole numbers on a number line with the help of examples, learning video and PPT.

In order to explain the concepts thoroughly, teacher will discuss the related problems of Exercise-2.1 of Ch-2, Whole Numbers.

The e-content for the Exercise-2.1 of Ch-2, Whole Numbers and related concepts given in Math Edge textbook are attached below. Please check.

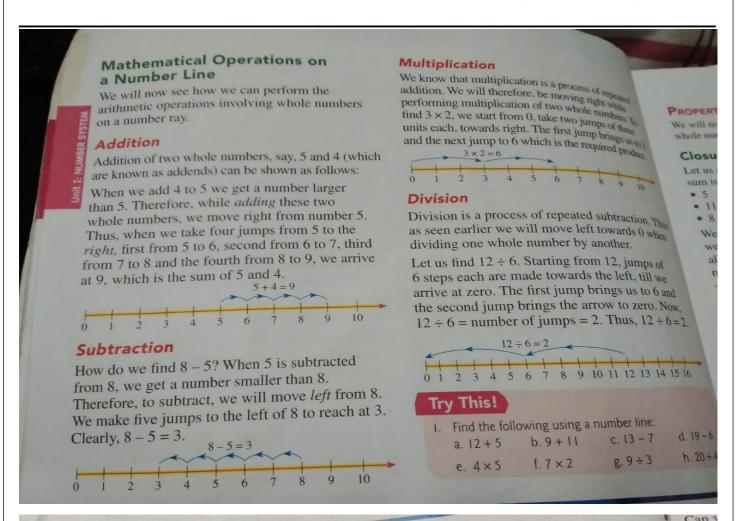


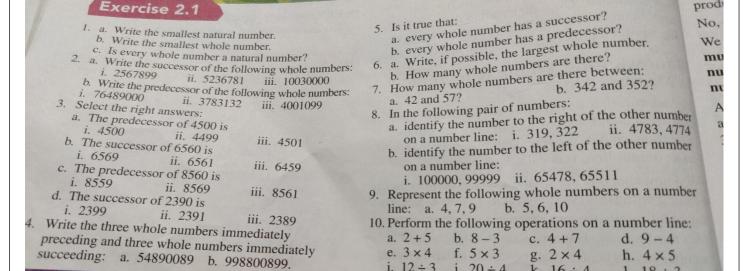
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i. $12 \div 3$

j. $20 \div 4$

 $k. 16 \div 4$

1. $18 \div 3$

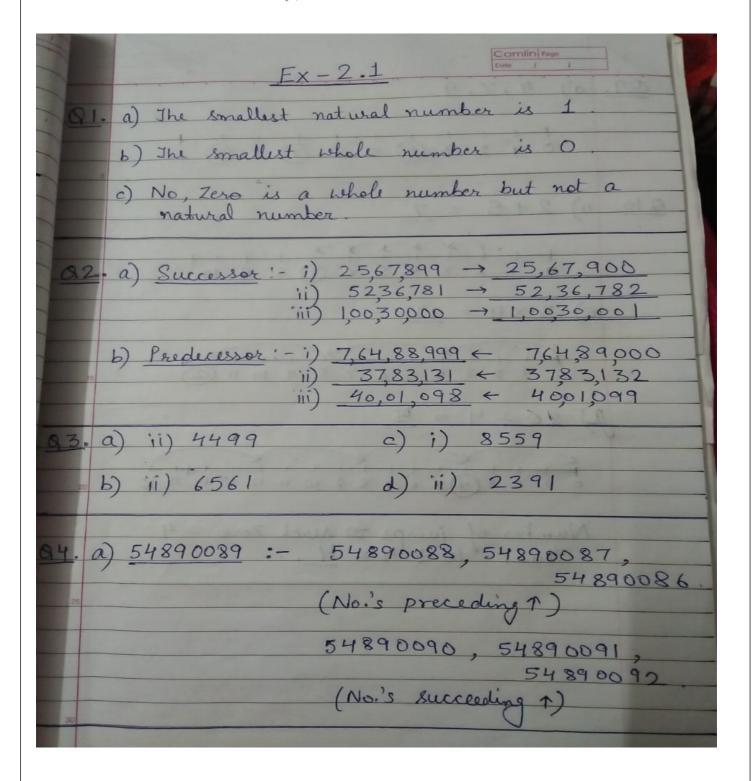
Maths Edge Book 6



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Solution for Q.1 to C 4:-



E-Learning module/file



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CONTENT- DAY-5

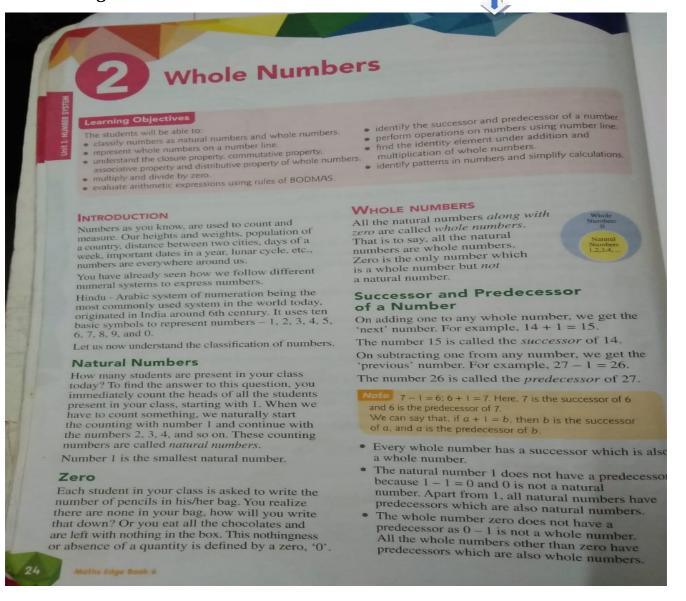
Chapter-2 / Whole Number

Topic : Ex 2.1 Q5 to Q10

The teacher will explain the concept of classifying numbers as natural and whole numbers and also how to represent the whole numbers on a number line with the help of examples, learning video and PPT.

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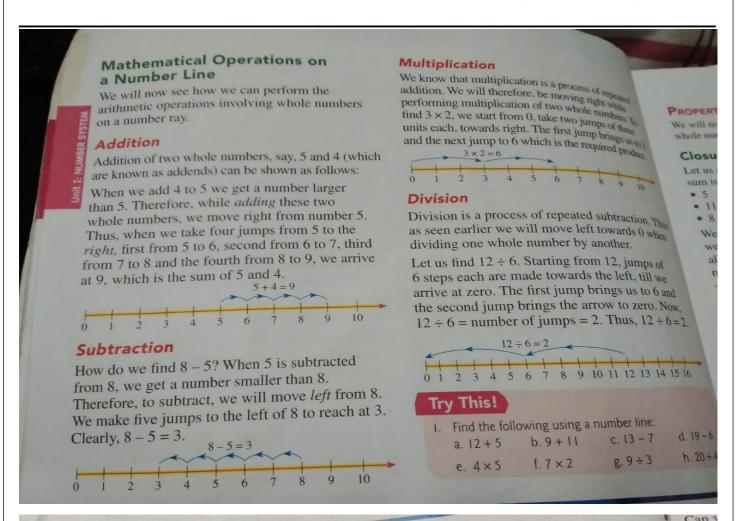


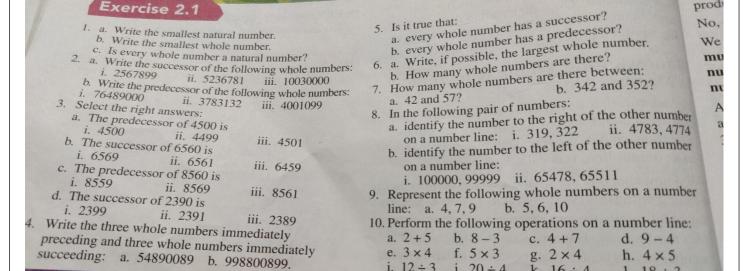
E-Learning module/file



prod

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i. $12 \div 3$

j. $20 \div 4$

 $k. 16 \div 4$

1. $18 \div 3$

Maths Edge Book 6

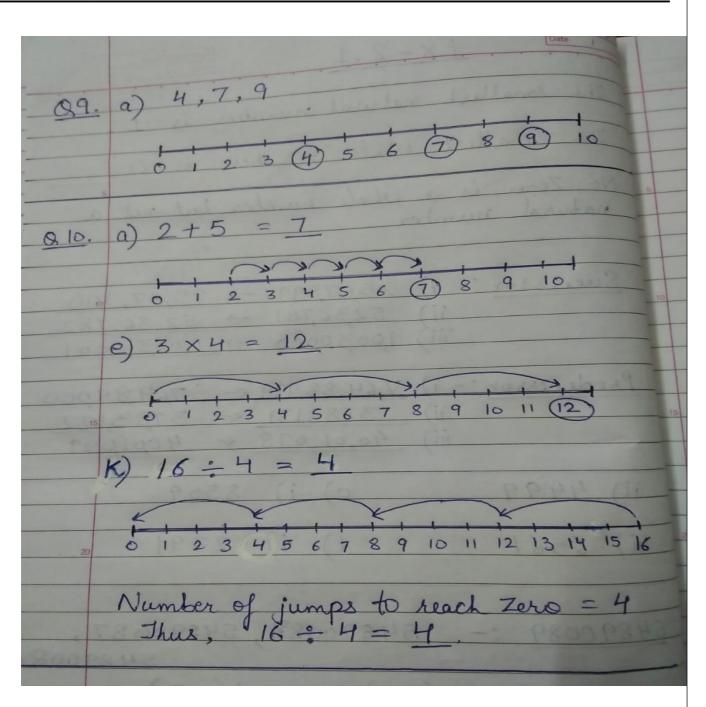


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Case
9.5. a) Yes, every whole number has a successor.
b) No, Zero is the only whole number which doesn't have a predecessor.
The state of the s
96. a) There is no largest whole number.
b) Infinite.
97. b) Numbers between 342 & 352
= 352 - 342
= 352 - 342 $= 10$
But, to find the no 's between 342 &
But, to find the no.'s between 342 & 352, we need to exclude 352 from the difference 10.
The second secon
30, 10-1=9. Hence, there are 9 numbers in between 342 & 352.
- CALL -
0.8. a) 322 is to the right of 319 4,783 is to the right of 4,774
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
b) 99999 is to the 0.01
b) 99999 is to the left of 1,00,000 65,478 is to the left of 65,511
30



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*****End of Day*****