



MATHS

BOOKS - JNAN PUBLICATION

REVISION OF PREVIOUS KNOWLEDGE

Example

1.
$$\frac{1}{2}$$
 of Rs 1 =? Paisa.

2.
$$\frac{1}{4}$$
 part of 1 year = ? Months.





9.
$$\frac{2}{3}, \frac{4}{5}$$
 and $\frac{2}{3} \times \frac{4}{5}$ Let's calculate which of these is

of least value.

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10.
$$\frac{5}{2}, \frac{7}{3}$$
 and $\frac{5}{2} \times \frac{7}{3}$. Let's calculate which one of the

these is greatest.

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11. Sitara Begam had 60 guavas in her shop. She sold $\frac{1}{4}$ th part of the number of guavas she had. Let's calculate

how many guavas are left with her.

Vatch Video Solution 12. Mother gave me $\frac{5}{6}$ th part of Rs. 60 and my elder brother $\frac{7}{9}$ the part of Rs. 45. Let's find, to whom gave more money.

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13. Ganeshbabu did $\frac{3}{14}$, $\frac{4}{7}$ and $\frac{1}{21}$ parts of a work in three days respectively. Let's find what part of he did in three days and what part of work is left to be completed.



14. $\frac{1}{3}$ rd part of the length of a bamboo is coloured red, and $\frac{1}{5}$ th part of it is coloured green and the remaining 14m length is coloured yellow. Let's find the length of the bamboo.

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15. If the price of one exercise book is Rs. 6.50, Let's find

the price of 15 such exercise books.



16. There are 12 packets of sugar in a box. The weight of each packet is 2.84 kg. If the total weight of box along with packets is 36 kg. Let's calculate the weight of box.



17. If the cost of 0.75 part of a bag fo rice is Rs. 1800.

Let's find the cost of 0.15 part of it.

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18. Aitadi gave $\frac{7}{8}$ part of her land to her brothers and the remaining part of the land she divided equally

among her three sons. Let's draw a picture to show the

part of land each son has got.



21. Let's simplify :

$$10rac{3}{10} imes 6rac{4}{3} imes rac{4}{11}$$

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22. Let's simplify :

0.025 imes 0.02

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23. Let's simplify :

0.07 imes 0.2 imes 0.5



24. Let's simplify :

0.029 imes 2.5 imes 0.002

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$$3\frac{3}{4} \div 2\frac{1}{2}$$

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26. Let's simplify :

 $\frac{50}{51} \div 15$







 $1 \div \frac{5}{6}$



28. Let's simplify :

156 .		13	
121	•	$\overline{22}$	



$$1\frac{1}{2} \div \frac{4}{9} \div 13\frac{1}{2}$$



$$\frac{9}{10} \div \frac{3}{8} \times \frac{2}{5}$$

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$$2\frac{1}{3} \div 1\frac{1}{6} \div 1\frac{1}{4}$$

32. Let's simplify :

$$20 \div 7rac{1}{4} imes rac{3}{2}$$

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33. Let's simplify :

 $3.15 \div 2.5$

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34. Let's simplify :

 $35.4 \div 0.03 \times 0.06$



35. Let's simplify :

 $2.5 imes 6 \div 0.5$

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36. If the cost of $\frac{9^t h}{10}$ part of a certain property is Rs. 6543 let's find the cost of $\frac{1}{2}$ part of the property.

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37. 6 persons can complete a work in 7 days. Let's find how many persons will be required to finish the work in

21 days. In matheatical language, the problem may be

stated as

Time (in days)	Persons (No.)
7	6
21	. ?



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38. A wheel turns 55 times to cover distance of 77 m.

Let's calculate, how many revolution the whell will take

to cover a distance of 98 m.



39. Diptarka learns swimming once a week. Let's calculate how many days he goes for swimming in 354 days.



40. Kavita needs 120 sheets of paper. There are 24 sheets in each bundle, Lets find how many bundles of paper Kavita would buy.



41. If the cost of a dozen eggs is Rs. 48. Let's find the cost of 32 eggs.



42. Working 5 hours a day, a work can be completed in

30 days. Let's find, how long it would take to complete

the work, working 6 hours a day.

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43. The cost of $\frac{5}{7}$ part of property is Rs. 2825. Let's find the cost of $\frac{2}{7}$ part of the property.



44. There were stored food of 48 soliders for 7 weeks in a camp. If 8 more soldiers join the camp, let's find for how many weeks it will be sufficient with the same food.

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45. In a ship, there were stored food for 50 sailors for 16 days. After 10 days 10 more saliors joined them. Let's find, for how many days the remaining food would last.

46. 20- men, decided to complete the repairing work, of a house in 30 days. But after 6 days 8 men feel sick. Let's find, how long they will take to complete the work.



47. 25 farmers take 12 days to plough 15 bighas of land. Then let's find, how many bighas of land can be ploughed by 30 farmers in 16 days.



48.30 students of my class were present. Total number

of students in our class is 60. Let's find what percent of

students have come to my class.



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50. How much is 30% of 840 grams.





54. What percent is 16 L. of 1000 L.



percent of the house is still to be painted, lets find out.



56. In Noorjahan's class 30% of the students are girls. There are 60 students in the class. Let's calculate to find the number of boys in Noorjahan's class.

57. In 120 of mixed fertilize, the amount of urea and potash are 60% and 40% respectivley. Let's find an write, how many kgs of fertilizers of each type are present in the mixed fertilizer.



58. The cost of my school exercise book was Rs. 10. Now

1 buy the same exercise book for Rs. 12. Let's calculate

the percentage increase in the price of the exercise

book.



59. The bus fare from Sumitra's house to school was Rs.

4. Now to travel the same distance she has to pay Rs.6

Let's find the percentage rise in bus fare.



60. Due to the increase in the price of sugar, the amount of sugar bought for Rs. 125 is now boughgt for Rs. 150. Let us calculate the percentage rise in the price of sugar in present.

61. Rojina worked out 90 sums in 1 day. Shefali did 65 sums at the same time. Let's find what percentage of sums Rojina did more than Shefali. Let's find the percentage of sums Shafali did less than Rojina during that period of time.

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62. Let's colour 10% of the squares red and 40% of square yellow in the squred figure given below.

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63. Let's try with other whole numbers, on the number

line and verify

$$(-5) + (-3) = ?$$
 and $(-3) + (-5) = ?$

64. Let's try with other whole numbers, on the number line and verify

$$(+7) + (+2)?(+2) + (+7)$$

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65. Let's find the value of On number line. (+4) - (-3)

66. Now, let me find the value of (-3) - (+4) on number line.

67. Let's verify on number line and put = /
eq in the

blank squares.

$$(+6) - (+7)?(+7) - (+6)$$

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68. Let's verify on number line and $put = / \neq$ in the

blank squares.

$$(0) - (\, -2)\,?\,(\, -2) - 0$$

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69. Let's verify on number line and $put = / \neq$ in the blank squares.

$$(-8) - (5)?(-5) - (-8)$$

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70. Let's verify on number line and put= / \neq in the

blank squares.

$$(-13) - (+13)?(+13) - (-13)$$

71. Let's verify on number line and $put = / \neq$ in the blank squares.

(-9) - (+5) ? (+5) - (-9)



72. Let's verify on number line and put= / eq in the

blank squares.

(+15) + 0?0 + (+15)

73. Let's verify on number line and put = /
eq in the

blank squares.

$$(-7) + 0?0 + (-7)$$

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74. Let's verify on number line and put = /
eq in the

blank squares.

$$(+11) + (-11)?(-11) + (+11)$$





79. Use number line to find the values-

$$(+6) + (+3) = ?$$



81. Use number line to find the values-

(+2) + (-2) = ?



82. Use number line to find the values-





83. Use number line to find the values-

(+3) + (-6) = ?

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84. Use number line to find the values-

(+3) - (-6) = ?

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85. Use number line to find the values-

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86. Use number line to find the values-

(-6) + (-3) = ?



87. Use number line to find the values-

(-6) + (-5) = ?



88. Draw a number line and take an example to verify

commutative law of addition.



89. Let's draw a number line and with an example verify

if commutative law for substraction.



90. Let verify the following using number line:-

 $(+2) + {(+3) + (+5)} = {(+2) + (+3)} + (-5)$



92. Let verify the following using number line:-

 $(+2) - \{(+3) - (-5)\} \neq \{(+2) - (+3)\} - (-5)$



93. Let verify the following using number line:-

$$(-8) - \{(-2) - (+6)\} \neq \{(-8) - (-2)\} - (+6)$$

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94. Let's measure the perimeters of the following

figures.



95. Let's measure the perimeters of the following figures.



96. Let's measure the perimeters of the following figures. 4 cn ACR 10cm 10cm. Watch Video Solution

97. Let's measure the perimeters of the following figures.



98. Let's find the square root of the following:

 $5^2 imes 8^2$

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99. Let's find the square root of the following:

4225

100. Let's find the square root of the following:

10609

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101. Let's find the square root of the following:

108341

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102. Let's find the square root of the following:

186624



103. Let us find square numbers nearest to 3000 so

that it is (a) greater than 3000 (b) less than 3000.



104. Let us find the least positive whole number. That must be subtracted from 9545, so that the resulted number is a perfect square.



105. Let us find the least positive whole numbe that

must be added to 5050 to make perfect square.



106. In a guava orchard at Baruipur, there are 1764 guava trees. The number of rows of guava trees are equal to number of guava trees is each row. Let us find the number of guava trees in each row.



107. A box in which homeopathy medicine are kept has compartments for 1225 bottles. These compartments are arrannged in such a way that each row has as many compartments as there are number of rows. Let's find, how many rows are there is the box.



108. There are 3 positive whole numbers, the product of first and second number is 24, product of second and third number is 48 and that of first and third is 32: Let's calculate to find the three numbers.



109. In Shivaji club each member subscribed amount five times the number of members of the club. The total subscripton is 515205. Let's find the number of members of the club.



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110. The owner of an orange orchard in Darjeeling plucked 1080 oranges. He got some baskets and tried to put as many number of oranges in each basket as there were baskets but fell short of 9 oranges. Let's calculate the number of baskets he had got.



111. For cleaning and purification of a pond in Bakultala, local panchayat appointed few men. The men worked as many days there were number of men appointed and got a total amount of Rs. 12375. If each one got Rs. 55 day, then let's find how many men worked.



112. Let's calculate what is the biggest whole number of

4 digits which will be divisible by 12, 18 and 30.



113. Let's find the least whole number of five digits which is divisible by 8, 15, 20 and 25.



114. Let's find if the following statements are true or

false.

All the angles of a square are right angles.

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115. Let's find if the following statements are true or

false.

Sides of any rectangular figures are equal.



116. Let's find if the following statements are true or false.

Four sides of a rhombus are equal.



117. Let's find if the following statements are true or

false.

Opposite sides of any parallelogram are equal.

118. Let's find if the following statements are true or false.

The diagonals of any rectangular figure are equal.



119. Let's find if the following statements are true or

false.

The diagonals of any rectangular figure are equal.

120. Let's give reasons for the following statements:

A square, a rectangle and parallelogram are all quadrilaterals.

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121. Let's give reasons for the following statements:

All rectangles are parallelograms.

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122. Let's give reasons for the following statements:

All squares are rectangles.



