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India's Number 1 Education App

## MATHS

## REVISION OF PREVIOUS KNOWLEDGE

## Example

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

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

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3. $\frac{5}{8}$ th part of Rs. $4=$ Rs. ? ? Paisa.

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4. $\frac{1}{5}$ th part of $2 \mathrm{~kg}=? \mathrm{~g}$.

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5. $\frac{1}{2} n d$ part of $5 \mathrm{l} 2 \mathrm{dl}=? \mathrm{l}$ ? dl

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6. If 20 is added to $\frac{1}{3} \mathrm{rd}$ of a number, it becomes 35 . Let's find the number.

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7. How much must be added to 2 times of $\frac{5}{7}$ to get 3 .

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8. What must be multiplied with $\frac{5}{7}$ to get 4 .
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.

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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.

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14. $\frac{1}{3} \mathrm{rd}$ part of the length of a bamboo is coloured red, and $\frac{1}{5}$ th part of it is coloured green and the remaining

14 m 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.

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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.

## D Watch Video Solution

19. Let's simplify :
$\frac{13}{25} \times 1 \frac{7}{8}$

## D Watch Video Solution

20. Let's simplify :
$2 \frac{5}{8} \times 2 \frac{2}{21}$

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21. Let's simplify :
$10 \frac{3}{10} \times 6 \frac{4}{3} \times \frac{4}{11}$

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22. Let's simplify :
$0.025 \times 0.02$

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23. Let's simplify :
$0.07 \times 0.2 \times 0.5$
24. Let's simplify :
$0.029 \times 2.5 \times 0.002$

## D Watch Video Solution

25. Let's simplify :
$3 \frac{3}{4} \div 2 \frac{1}{2}$

## D Watch Video Solution

26. Let's simplify :

50
$\frac{50}{51} \div 15$
27. Let's simplify :
$1 \div \frac{5}{6}$

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28. Let's simplify :
$\frac{156}{121} \div \frac{13}{22}$

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29. Let's simplify :
$1 \frac{1}{2} \div \frac{4}{9} \div 13 \frac{1}{2}$
30. Let's simplify :
$\frac{9}{10} \div \frac{3}{8} \times \frac{2}{5}$

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31. Let's simplify :
$2 \frac{1}{3} \div 1 \frac{1}{6} \div 1 \frac{1}{4}$

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32. Let's simplify :
$20 \div 7 \frac{1}{4} \times \frac{3}{2}$

## D Watch Video Solution

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 :
$2.5 \times 6 \div 0.5$

## D Watch Video Solution

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.

## D Watch Video Solution

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


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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.

## D Watch Video Solution

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

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

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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.

## D Watch Video Solution

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.

## D Watch Video Solution

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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49. Let's find $12 \frac{1}{2} \%$ of Rs. 2 is equal to how much paise.

## D Watch Video Solution

50. How much is $30 \%$ of 840 grams.
51. How much is $8 \%$ of Rs. 25

## D Watch Video Solution

52. What percent is 55 germs of 5 kg .

## D Watch Video Solution

53. What percent is Rs. 1.25 or Rs 5
54. What percent is 16 L . of 1000 L .

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55. $\frac{1}{5}$ th part of a house has been painted. What percent of the house is still to be painted, lets find out.

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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.

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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.

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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.

## D Watch Video Solution

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

- Watch Video Solution

64. Let's try with other whole numbers, on the number line and verify
$(+7)+(+2) ?(+2)+(+7)$

## - Watch Video Solution

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

- Watch Video Solution

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

## D Watch Video Solution

67. Let's verify on number line and put $=/ \neq$ in the
blank squares.
$(+6)-(+7) ?(+7)-(+6)$

## D Watch Video Solution

68. Let's verify on number line and $p u t=/ \neq$ in the blank squares.
$(0)-(-2) ?(-2)-0$

## - Watch Video Solution

69. Let's verify on number line and put $=/ \neq$ in the blank squares.
$(-8)-(5) ?(-5)-(-8)$

## - Watch Video Solution

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.
$(-9)-(+5) ?(+5)-(-9)$

## D Watch Video Solution

72. Let's verify on number line and $p u t=/ \neq$ in the blank squares.
$(+15)+0 ? 0+(+15)$

## D Watch Video Solution

73. Let's verify on number line and put $=/ \neq$ in the blank squares.
$(-7)+0 ? 0+(-7)$

## D Watch Video Solution

74. Let's verify on number line and $p u t=/ \neq$ in the blank squares.
$(+11)+(-11) ?(-11)+(+11)$

## - Watch Video Solution

75. Let's find $(+7)+(+5)$
76. Let's find (+8) + (-9)

## D Watch Video Solution

77. Let's find $(+6)+\{(-2)+(-3)\}=$ ?

- Watch Video Solution

78. let's find $\{(+6)+(-2)\}+(-3)=$ ?

D Watch Video Solution
79. Use number line to find the values-
$(+6)+(+3)=?$

Watch Video Solution
80. Use number line to find the values-
$(+3)+(+6)=$ ?

## (D) Watch Video Solution

81. Use number line to find the values-
$(+2)+(-2)=?$

- Watch Video Solution

82. Use number line to find the values-
$(-4)+(+4)=?$

- Watch Video Solution

83. Use number line to find the values-
$(+3)+(-6)=?$

## - Watch Video Solution

84. Use number line to find the values-
$(+3)-(-6)=$ ?
85. Use number line to find the values-
$(+6)-(-9)=?$
(D) Watch Video Solution
86. Use number line to find the values-
$(-6)+(-3)=?$

## (D) Watch Video Solution

87. Use number line to find the values-
$(-6)+(-5)=?$

## - Watch Video Solution

88. Draw a number line and take an example to verify commutative law of addition.

## D Watch Video Solution

89. Let's draw a number line and with an example verify
if commutative law for substraction.

## - <br> Watch Video Solution

90. Let verify the following using number line:-
$(+2)+\{(+3)+(+5)\}=\{(+2)+(+3)\}+(-5)$

## D Watch Video Solution

91. Let verify the following using number line:-

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

## - Watch Video Solution

92. Let verify the following using number line:-

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

93. Let verify the following using number line:-

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

## - Watch Video Solution

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

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


## D Watch Video Solution

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


## - Watch Video Solution

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

## 8 cm .

3 cm

- Watch Video Solution

98. Let's find the square root of the following:
$5^{2} \times 8^{2}$

- Watch Video Solution

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

4225
100. Let's find the square root of the following:

10609

## D Watch Video Solution

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

108341
(D) Watch Video Solution
102. Let's find the square root of the following:

186624

## Watch Video Solution

103. Let us find square numbers nearest to 3000 so that it is (a) greater than 3000 (b) less than 3000.

## D Watch Video Solution

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

## - <br> Watch Video Solution

105. Let us find the least positive whole numbe that must be added to 5050 to make perfect square.

## D Watch Video Solution

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.

## D Watch Video Solution

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.

## D Watch Video Solution

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.

## D Watch Video Solution

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

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

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

## - Watch Video Solution

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

All the angles of a square are right angles.

## D Watch Video Solution

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

Sides of any rectangular figures are equal.

## D Watch Video Solution

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

Four sides of a rhombus are equal.

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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.

## D Watch Video Solution

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.

## D Watch Video Solution

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

All rectangles are parallelograms.

## D Watch Video Solution

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

All squares are rectangles.

