



MATHS

BOOKS - MBD

REVISION TEST PAPER-2

Exercise

1. The multiplicative inverse of -13 is :

A. 13

B. $\frac{1}{13}$

C. $-\frac{1}{13}$

D. $-\frac{13}{1}$.

Answer:



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2. The value of x in the equation $\frac{x}{3} = 18$ will

be:

A. 54

B. 27

C. 9

D. 36

Answer:



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3. Two numbers are in the ratio 5:3. If they differ by 18, what are the numbers?

A. 25 nad 7

B. 51 and 33

C. 45 and 27

D. None of these.

Answer:



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4. In the equation $6 = z + 2$, the value of z is :

A. 4

B. 8

C. 2

D. -4 .

Answer:



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5. When 10 is subtracted from two times of a number, the result becomes 4. What will be the equation?

A. $10x - 2 = 4$

B. $2x-10=4$

C. $4x-12=6$

D. $-4x + 10 = 2.$

Answer:



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6. The measure or width of a class interval 10-20 is :

A. 10

B. 20

C. 15

D. 30

Answer:



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7. When a die is thrown, then the probability of getting a number greater than 5 is :

A. $\frac{1}{2}$

B. $\frac{1}{6}$

C. $\frac{1}{5}$

D. $\frac{1}{3}$.

Answer:



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8. How many digits are there in the square root of number 1234321.

A. 3

B. 5

C. 4

D. 16

Answer:



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9. 2025 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the

number of rows and the number of plants in each row.

A. 25

B. 45

C. 35

D. 55

Answer:



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10. Find the perfect square numbers between:

30 and 40.

A. 32

B. 34

C. 36

D. 40

Answer:



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11. Which number has an odd square:

A. 16

B. 9

C. 8

D. 12

Answer:



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12. By which smallest number 72 must be multiplied so that we can find the cube root of the product obtained?

A. 2

B. 3

C. 4

D. 5

Answer:



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13. Selling Price = Cost Price $\times \left(\frac{100 + \dots}{100} \right)$, fill in the blank:

A. Profit

B. Loss

C. Discount

D. Marked Price.

Answer:



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14. What do we find out first for compound interest ?

- A. Principal
- B. Simple Interest
- C. Amount
- D. Time.

Answer:



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15. Represent $\frac{7}{4}$ on the number line.



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16. Solve the following linear equations :

$$m - \frac{m - 1}{2} = 1 - \frac{m - 2}{3}$$



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17. Lakshmi is a cashier in a bank. She has currency notes of denominations Rs 100, Rs 50

and Rs 10, respectively. The ratio of the number of these notes is 2:3:5. The total cash with Lakshmi is Rs 4,00,000. How many notes of each denomination does she have?



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18. Find the measure of each exterior angle of a regular polygon of 9 sides



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19. The measures of two adjacent angles of a parallelogram are in the ratio 3 : 2. Find the measure of each of the angles of the parallelogram.



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20. Construct a quadrilateral LIFT in which
 $LI=4$ cm, $IF = 3$ cm, $TL=2.5$ cm, $LF=4.5$ cm, $IT = 4$ cm.



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21. Parallelogram HEAR

$$HE = 5\text{cm}, EA = 6\text{cm}, \angle R = 85^\circ$$



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22. People who come to a departmental store are marked as : Man (M), Woman (W), Boy (B) or Girl (G).The following list gives the shoppers who came during the first hour in the morning:

W W W G B W W M, G G M M W W W W G B M

W

B G G M W W M M W W W M W B W G M W W
W

W G W M M W W M W G W M G W M M B G G

W. Make a frequency distribution table using tally marks.



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23. Draw a pie chart of the data given below:

The time spent by a child during a day.

Sleep = 8 hours



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24. Find the square root of each of the following numbers by Division method: 7921



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25. For each of the following numbers, find the smallest whole number by which it should be multiplied so as to get a perfect square number. Also find the square root of the square number so obtained: 2028



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26. Find the cube root of each of the following numbers by prime factorisation method :

15625



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27. A VCR and TV were bought for Rs 8,000 each. The shopkeeper made a loss of 4% on the VCR and a profit of 8% on the TV. Find the gain or loss percent on the whole transaction.



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28. Vasudevan invested 60,000 at an interest rate of 12% per annum compounded half yearly. What amount would he get after 6 months?



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