



MATHS

BOOKS - MBD

REVISION TEST PAPER-1

Exercise

1. Multiply $\frac{6}{13}$ by the reciprocal of $\frac{-7}{16}$

A. $\frac{6}{16}$

B. $-\frac{6}{7}$

C. $-\frac{91}{96}$

D. $-\frac{96}{91}$

Answer:



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2. In the equation $5x = 2x + 18$, the value of x will be :

A. 18

B. 15

C. 6

D. 9

Answer:



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3. Sum of two numbers is 95. If one exceeds the other by 15, find the numbers.

A. 40, 55

B. 30, 45

C. 25, 40

D. 45, 60.

Answer:



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

be:

A. 12

B. 27

C. 9

D. 36

Answer:



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5. When 4 is added to three times of a number the result becomes 6. What will be the equation?

A. $4x-3=6$

B. $3x-4=6$

C. $6x-3=4$

D. $-6x + 3 = 4.$

Answer:



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6. A pictorial representation of data using symbols to represent a group of items is called:

A. Pictograph

B. Bar graph

C. Double bar graph

D. Histogram.

Answer:



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7. When a die is thrown, then the probability of getting a prime number is :

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

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

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

D. None of these.

Answer:



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8. Which of the following is not a perfect square.

A. 625

B. 64

C. 150

D. 144

Answer:



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9. The tens digits of the square root of 2304 will be :

A. 4

B. 3

C. 2

D. 5

Answer:



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10. Which of the following number has a digit 6 at unit place?

A. 19^2

B. 15^2

C. 14^2

D. 13^2 .

Answer:



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11. Which of the following has an even square?

A. 727

B. 158

C. 113

D. 269

Answer:



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12. Which of the following numbers is not a perfect cube ?

A. 27

B. 64

C. 99

D. 125

Answer:



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13. Selling Price =

$$\text{Marked Price} \times \left(\frac{\text{.....} - \text{Discount \%}}{100} \right)$$

fill in the blank:

A. Cost Price

B. 100

C. 1

D. Loss.

Answer:



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14. A shop gives 20 % discount. What would the sale price of each of these be ?

A dress marked at Rs. 120.

A. Rs.100

B. Rs.80

C. Rs.96

D. Rs.120.

Answer:



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15. Find ten rational numbers between $\frac{-2}{5}$ and $\frac{1}{2}$.



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16. Solve the following linear equations :

$$\frac{x}{2} - \frac{1}{5} = \frac{x}{3} + \frac{1}{4}$$



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17. Baichung's father is 26 years younger than Baichung's grandfather and 29 years older than Baichung. The sum of the ages of all the three is 135 years. What is the age of each one of them?



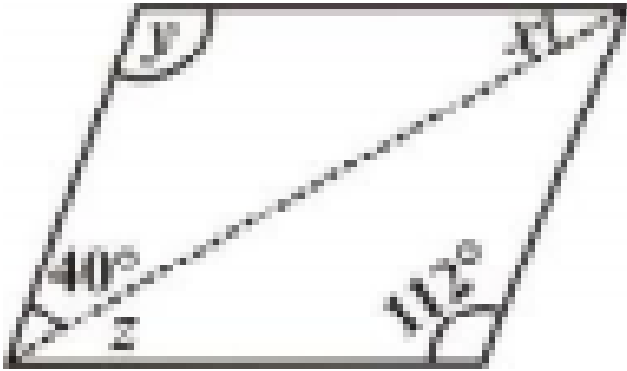
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18. How many sides does a regular polygon have if the measure of an exterior angle is 24° ?



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19. Consider the following parallelograms. Find the values of the unknowns x , y , z .



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20. Construct the following quadrilaterals :

Quadrilateral JUMP

JU = 3.5 cm

$$UM = 4 \text{ cm}$$

$$MP = 5 \text{ cm.}$$

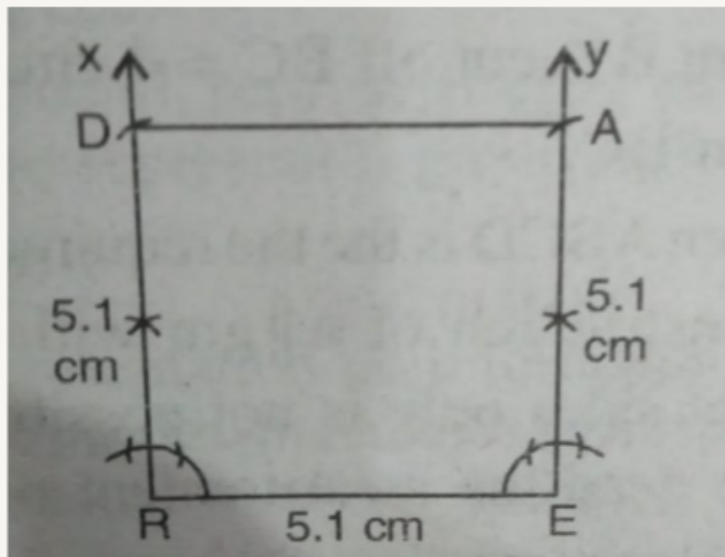
$$PJ = 4.5 \text{ cm}$$

$$PU = 6.5 \text{ cm.}$$



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21. A rhombus whose diagonals are 5.2 cm and 6.4 cm along.



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22. The weekly wages of 30 workers in a factory are. 830, 835, 890, 810, 835, 836, 869, 845, 898, 890, 820, 860, 832, 833, 855, 845, 804, 808, 812, 840, 885, 835, 835, 836, 878, 840, 868, 890, 806,

840 Using tally marks make a frequency table with intervals as 800–810, 810–820 and so on



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23. Draw a Pie-chart showing the following information. The table shows the colours preferred by a group of people.

Colours	Number of People
Blue	18
Green	9
Red	6
Yellow	3
Total	36



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24. Find the square root of 9604 by the Prime Factorisation Method..



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

the square root of the square number so obtained: 2925



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26. Find the smallest number by which 704 must be divided so as to obtain a perfect cube.



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27. The cost of an article was Rs 15,500. Rs 450 were spent on its repairs. If it is sold for a

profit of 15%, find the selling price of the article.



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28. Kamala borrowed Rs 26,400 from a Bank to buy a scooter at a rate of 15% p.a. compounded yearly. what amount will she pay at the end of 2 years and 4 months to clear the loan?



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