MATHS

BOOKS - MBD

REVISION TEST PAPER-3

Exercise

1. The additive inverse of 2/8 is :

A. $-\dfrac{2}{8}$

B. $-\dfrac{2}{-8}$

C. $\dfrac{8}{2}$

D. $-\dfrac{8}{2}$.

Answer:

2. In the equation x-2 = 7 ,the value of x is :

A. 7

B. 9

C. 5

D. 2

Answer:

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3. Fifteen years from now Ravi's age will be four times his present age. What is Ravi's present age?

A. 15 years

B. 10 years

C. 5 years

D. 8 years.

Answer:

4. What will be the value of x:-5x + 25 = 0.

A. -5

B. `5

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

D. $-\dfrac{1}{5}$.

Answer:

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

    A. 25 and 7

    B. 51 and 33

C. 45 and 27

D. None of these.

Answer:

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6. The upper limit of class interval 20-30 is:

A. 20

B. 50

C. 30

D. 10

Answer:

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7. The circular representation of the data is

called :

A. Pie chart

B. Histogram

C. Pictograph

D. Bar graph.

Answer:

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8. Which square number lies between 60 and

70 ?

A. 62

B. 64

C. 66

D. 68

Answer:

9. Which number has an odd square:

A. 16

B. 9

C. 8

D. 12

Answer:

10. The units digit of the square root of 1296 will be:

A. 2

B. 4

C. 6

D. 8

Answer:

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11. Find the one's digit of the cube of each of

the following numbers.

8888

    A. 1

    B. 2

    C. 3

    D. 4/

Answer:

12.   Marked   price $=$ $\dfrac{100 \times S.\,P.}{100} - \ldots\ldots . \% \Big).$Then the blank space is filled by :

A. Loss

B. PROFIT

C. Discount

D. Cost Price.

Answer:

13. Simple Interest=(Principal xx .... Time)/100

, insert in blank by :

A. Amount

B. Rate

C. Profit

D. Loss.

Answer:

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14. Find five rational numbers between $\dfrac{2}{3}$ and $\dfrac{4}{5}$

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15. Simplify and solve the following linear equation:

$$0.25(4f - 3) = 0.05(10f - 9).$$

16. Aman's age is three times his son's age. Ten years ago he was five times his son's age. Find their present ages.

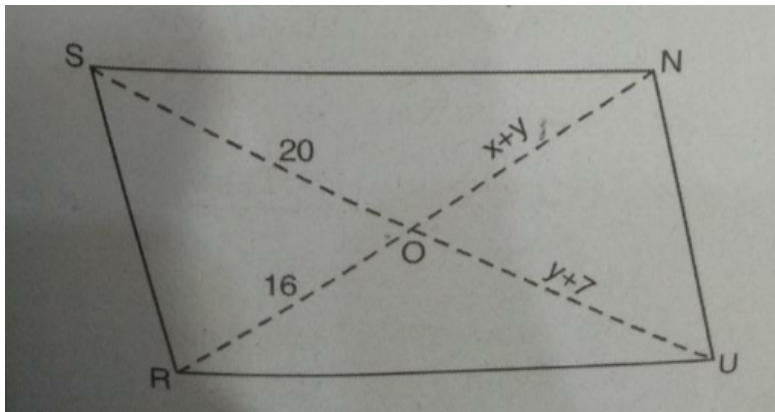**17.** How many sides does a regular polygon have if each of its interior angles is $165°$?

18. >The following figureRUNS is a parallelogram.Find x and y(Lengths are in cm).

19. Construct Quadrilateral $ABCD$, in which

$BC = 4.5cm$

$AD = 5.5cm$

$CD = 5cm$

$AC = 5.5cm$

$BD = 7cm$

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20. Quadrilateral TRUE

TR = 3.5 cm, RU = 3 cm, UE = 4 cm,

$\angle R = 75°$, $\angle U = 120°$.

21. The number of hours for which students of a particular class watched telecvision during holidays is shown through the given graph.Answer the following.

For how many hours did the maximum number of students watch TV?

22. The number of hours for which students of a particular class watched telecvision during holidays is shown through the given graph.Answer the following.

How many students watched TV for less than 4 hours ?

23. The number of hours for which students of a particular class watched telecvision during holidays is shown through the given graph.Answer the following.

How many students spent more than 5 hours in watching TV ?

24. The number of students in a hostel,speaking different languages is given

below.Display the data in a pie chart.

25. Numbers 1 to 10 are written on ten separate slips (one number on one slip), kept in a box and mixed well. One slip is chosen from the box without looking into it. What is the probability of : getting a number greater than 6?

26. The probability of getting a number less than 6 is :

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27. Find the square roots of 100 and 169 by the method of repeated subtraction.

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28. Find the smallest square number that is divisible by each of the numbers 8, 15 and 20.

29. Find the least number which must be added to each of the following numbers so as to get a perfect square. Also find the square root of the perfect square so obtained : 6412

30. Find the smallest number by which each of the following numbers must be multiplied to obtain a perfect cube : 675

31. Arun bought a pair of skates at a sale where the discount given was 20%. If the amount he pays is Rs 1,600, find the marked price.

32. Calculate the amount and compound interest on : Rs 10,000 for 1 year at 8% per annum compounded half yearly.

33. Find the amount which Ram will get on Rs.4096,if he gave it for 18 months at $12\dfrac{1}{2}\%$ per annum, interest being comounded half yearly.