

SUB: MATHEMATICS

STD-V

REVISION WORK - 1

FILL IN THE BLANKS

1. When the product of two fractions is 1, they are called _____ fraction.
2. Two or more fractions representing the same part of a whole are called _____ fractions.
3. The value of a/an _____ fraction is always greater than or equal to 1.
4. For every whole number _____ is taken as the denominator.
5. A _____ separates a whole number from a decimal fraction.
6. $539.02 \times 10 =$ _____
7. 84.084, 8 is in _____ place.
8. Adding any number of 0 at the extreme right of _____ part doesn't change the value of the decimal.
9. 0.46 _____ 0.4600 (use $<$, $>$ or $=$)
10. When we divide a decimal fraction by 1000 the decimal point moves to the _____ side.

Do as directed

11. Multiply : 50.05×50
12. Write in decimal and fractional expansion: 23.053
13. divide : $\frac{22}{25} \div \frac{11}{15}$
14. Reduce to the lowest term: $\frac{225}{625}$

Answers

1. Reciprocal
2. Equivalent
3. Improper
4. One
5. Decimal point/ dot/ point
6. 5390.2
7. Hundredths
8. Decimal

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9. =

10. Left.

11. 2502.5

12. Decimal : $20 + 3 + 0.05 + .003$

$$\text{Fraction : } 20 + 3 + \frac{5}{100} + \frac{3}{1000}$$

13. $1 \frac{1}{5}$ (1 and 1 by 5)

14. $\frac{9}{25}$ (Nine / twenty-five)

REVISION WORK - 2

Fill in the blanks

1. _____ = (sum of given observations)/(number of observations)
2. 7 hundredths= _____ %
3. In BODMAS 'M' stands for _____.
4. The last operation to be performed in BODMAS is _____.
5. A fractional number with hundred as the denominator is known as _____.
6. To convert a percentage to a decimal, _____ it with 100.
7. $9.06 =$ _____ %
8. The average of 5,6,7,8 and 9 is _____.

Do as directed

9. Simplify: $14+24\div 8 \times 20-60$

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10. A metal contains 45 % of zinc and the rest is copper. Find the quantity of zinc and copper in 400 gram of this metal.

11. Find the value: 25% of 60

12. Find the average of the 1st 9 even numbers.

13. Convert into decimal: $1203 \div 80$

14. Simplify: $2.6 \div [9.4 - \{4.9 - (3.2 \div 1.6 - 4.8 - 3.5)\}]$
(There's a bar bracket on $4.8 - 3.5$)

Answers

1. Average
2. 7%
3. Multiplication
4. Subtraction
5. Percentage
6. Divide
7. 906%
8. 7
9. 14
10. Zinc- 180g copper - 220 g
11. 15
12. 10
13. 15.0375
14. 0.5

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REVISION TEST - 1

FULL MARKS - 15

Fill in the blanks

[5 x 1 = 5]

1. If two fractions are equivalent , their cross products are _____.
2. 50 % of 88 is _____.
3. $A + \frac{5}{6} = 1$, then $A =$ _____.
4. The multiplicative inverse of $\frac{8}{10}$ is _____.
5. $0.56 =$ _____ in fraction.

Do as directed

[5 x 2 = 10]

6. What percent of 80 is 25 ?
7. Add : $6\frac{2}{7} + \frac{5}{28}$
8. Find the average of 45,55,60,65,70
9. Simplify : $4\frac{1}{10} - [2\frac{1}{2} - \{ \frac{5}{6} - (\frac{2}{5} + \frac{3}{10} - \frac{4}{15}) \}]$
10. Sragvi earns ₹ 10,000 per month. She spends 83% of her salary per month.
 - i. How much does she save?
 - ii. How much does she spend per month?

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Answers

1. equal

2. 44

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

4. $\frac{10}{8}$

5. $\frac{56}{100}$

6. 31.25 %

7. $6\frac{13}{28}$

8. 59

9. 2

10. i. 1700, ii. 8300

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REVISION WORK - 3

Choose the correct answer

1. All negative integers are _____ than positive integers.
 - a. Greater
 - b. Smaller
 - c. equal
2. Zero is _____ than all the negative integers.
 - a. Greater
 - b. Smaller
 - c. equal
3. The sum of the boundary of a closed shape is its _____.
 - a. Area
 - b. Volume
 - c. perimeter
4. The additive inverse of -45 is _____.
 - a. $\frac{4}{5}$
 - b. $\frac{5}{4}$
 - c. 45
5. Area of a square is _____.
 - a. $2(l+b)$
 - b. $4 \times \text{side}$
 - c. $\text{side} \times \text{side}$
6. If the length of a rectangle is 8 m and the area of the rectangle is 96 square m, the breadth is _____.
 - a. 12 sq.m
 - b. 12 m
 - c. 8 m
7. The negative of credit is _____.
 - a. Debit
 - b. Deposit
 - c. none of these.

Solve the sum

1. If the area of a rectangle is 480 square m and its breadth is 10 m find the length.
2. Compare
 - a. -56 ____ -80
 - b. 1 ____ -100
3. Write all the integers between -4 and 4
4. How many integers are between the following numbers.
 - a. -7 and 1
 - b. 0 and -4

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5. A rectangular field is 25 m long and 30m broad. Find the cost of levelling the field at the rate of ₹ 5 per sq.meter.

Answers

1. Smaller
2. Greater
3. Perimeter
4. 45
5. Side x side
6. 12 m
7. Debit
8. 48 m
9. $56 \rightarrow -80$
 $1 \rightarrow -100$
10. -3, -2, -1, 0, 1, 2, 3
11. $-7 + 1 = 7$
0 and -4 = 3
12. Area= 750 sq.m. Rs. 3750

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REVISION WORK - 4

Do as directed

1. The sum of the angles at the centre of a circle has to be _____.
2. Information collected in the form of numerical figures is called _____.
3. A bus leaves Mumbai at 8:50 p.m. and takes 10 hours 40 minutes to reach Goa. At what time does the bus reach its destination?
4. Convert into hours: 67 days 5 hours
5. Convert into days: 5 weeks 4 days

Solve the sums

6. Tejas goes shopping at 5:45 p.m. and returns at 8:35 p.m. How much time does it take him to go shopping?
7. Geet studies math 3 hours 45 minutes daily. How many seconds does she study math daily?
8. Observe the data and draw a pie chart.

Fruits	apple	Banana	Guava	Grapes
No. of children	12	18	6	36

Answers

1. **360°**
2. **Data**
3. **6:30 A.M.**
4. **1613 hours**

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5. 39 days
6. 2 hours 50 minutes
7. 13500 seconds
8. Apple : 60° , Banana = 90° , guava = 30° , Grapes = 180°

REVISION TEST - 2

Fill in the blanks

[$5 \times 1 = 5$]

1. 21:23 is _____ in 12 hour clock
2. Every negative integer is _____ than all positive integers.
3. The perimeter of a rectangle is _____.
4. When data is arranged and sorted, it is known as _____.
5. 12:45 A.M. is _____ in a 24 hour clock.

Answer the following questions

6. Add : 14 hour 30 min + 2 hours 56 minutes [$5 \times 2 = 10$]
7. Subtract: 5 weeks 5 days - 2 weeks 6 days.
8. Meenal works from 8:15 am to 4:15 pm everyday. If she takes a lunch break from 1:30 pm to 2:15 pm, what is the duration of her work excluding lunch time?
9. Draw a pie chart showing the following information.

Subject	Maths	French	Science	English
No.of students	48	8	24	16

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10. Find the cost of fencing a square garden of length 50 m at a cost of ₹10 per meter.

Answers

1. 9:23 P.M.
2. smaller/ less
3. $2(l+b)$
4. Data handling
5. 00:45
6. 17 hours 26 mins
7. 2 weeks 6 days
8. 7 hours 15 minutes
9. Maths = 180° , French = 30° , Science= 90° , english = 60°
10. Rs. 2000

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