

**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.  $84.0\bar{8}4$ , 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 :  $50.05 \times 50$
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 :  $20 + 3 + 0.05 + .003$

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

**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

## REVISION WORK - 3

Choose the correct answer

- All negative integers are \_\_\_\_\_ than positive integers.  
a. Greater                      b. Smaller                      c. equal
- Zero is \_\_\_\_\_ than all the negative integers.  
a. Greater                      b. Smaller                      c. equal
- The sum of the boundary of a closed shape is its \_\_\_\_\_.  
a. Area                          b. Volume                      c. perimeter
- The additive inverse of -45 is \_\_\_\_\_.  
a.  $\frac{4}{5}$                               b.  $\frac{5}{4}$                               c. 45
- Area of a square is \_\_\_\_\_.  
a.  $2(l + b)$                       b.  $4 \times \text{side}$                       c.  $\text{side} \times \text{side}$
- 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
- The negative of credit is \_\_\_\_\_.  
a. Debit                          b. Deposit                          c. none of these.

Solve the sum

- If the area of a rectangle is 480 square m and its breadth is 10 m find the length.
- Compare  
a.  $-56$  \_\_\_\_\_  $-80$   
b.  $1$  \_\_\_\_\_  $-100$
- Write all the integers between -4 and 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.  $56 \_ > \_ -80$

$1 \_ > \_ -100$

10. -3,-2,-1,0,1,2,3

11. -7 and 1 = 7

0 and -4 = 3

12. Area= 750 sq.m. Rs. 3750

## 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 9 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 :  $60^\circ$ , Banana =  $90^\circ$ , guava =  $30^\circ$ , Grapes =  $180^\circ$

## REVISION TEST - 2

Fill in the blanks

[5 x 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 x 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 =  $180^\circ$ , French =  $30^\circ$ , Science =  $90^\circ$ , english =  $60^\circ$
10. Rs. 2000