**Dr. Virendra Swaroop Education Center, Panki, Kanpur**

**Revision Sheet**

**Class- VI**

**Mathematics**

Q1. Find the difference between the place value and the face value of the digit 8 in the number 784608.

Q2. Write the Roman numeral for each of the following numbers:

1. 397 b) 468 c) 577 d) 989

Q3. Find the least number of five digits which is exactly divisible by 16, 64, 28, 35.

Q4. Write the greatest and the smallest 4 digit numbers using 4 different digits with the condition that 7 occurs at ten’s place.

Q5. Subtract the sum of -451 and 143 from -216.

Q6. Represent the following on the number line:

1. (-6)+(-4) b) (-5)-(-3)

Q7. Draw a polygon with 8 sides and name its adjacent sides, vertices and diagonals.

Q8. Classify the angles whose measures are given below:

1. 90$° $ b) 256$°$ c) 127$°$ d) 180$°$ e) 83$°$

Q9. Arrange the following fractions in descending order:

 $\frac{-5}{6}$ , $\frac{-8}{21}$ , $\frac{7}{18}$ , $\frac{-3}{14}$ , $\frac{4}{7}$

Q10. Simplify :

 $2\frac{5}{6}$+ $4\frac{2}{4}$ -9-$ 1\frac{3}{8}$

Q11. Ragini purchased 5kg 1g rice, 2 kg 20g sugar and 15 kg 102 g flour. Find the total weight of his purchases.

Q12. Present age of Rakesh and Suresh is 56 years and 21 years respectively. Find the ratio of:

1. Present age of Rakesh to the present age of Suresh.
2. Age of Rakesh to the age of Suresh when he was 12 years old.
3. Age of Suresh to the age of Rakesh when Rakesh was 40 years old.

Q13. Divide Rs. 5100 among Rahul and Rashmi in the ratio 8:9.

Q14. In an organization, 35 employees were asked about the number of family members. Their answers were recorded as follows :

5,3,5,7,6,4,6,9,8,7,5,6,6,4,5,7,8,3,4,5,4,5,6,8,7,4,3,6,5,4,7,5,4,3,7. Construct a tally chart and frequency distribution table for this data.

Q15. Draw an angle of 76$°$ using protractor and bisect it using ruler and compass. Write the steps of construction also.

Q16. A piece of wire is 72 cm long. What will be the length of each side if the wire is used to form:

1. A square (ii) An equilateral triangle (iii) A regular hexagon

Q17. Pick the solution from the values given in the bracket next to the equation. Show that the other values do not satisfy the equation.

1. x+8=5 { 3, 2, -3, -2} (ii) 3y-2=16 { 2, 3, 6, 9}

Q18. The cost of cultivating a rectangular field at the rate of Rs 5 per square metre is Rs. 2880. If the length of the field is 32, find the cost of fencing the field at the rate of Rs. 11.25 per meter.

Q19. Construct a line segment of length 11.5 cm and construct its axis of symmetry.

Q20. An athlete takes 8 rounds of a rectangular park 65 m long and 30 m wide. Find the total distance covered by him.