

**ST. ANTHONY'S SR. SEC. SCHOOL**

**Extra questions**

**Class VI (Maths)**

**Chapter 1 : Knowing Our Number**

1. Write the given numbers in Roman numerals : (i) 967 (ii) 53
2. Estimate the following product to the nearest hundred :  
(i)  $342 \times 248$             (ii)  $96 \times 385$
3. Simplify the following by expanding brackets :  
(i)  $38 \times 96$             (ii)  $40 \times 150$
4. Each book has 20 pages. Every day 12,800 books are printed. How many total pages are printed every day ?
5. The distance between Priya's and Sumit's house is 105683 metres. The distance between Sumit's and Sheena's house is 98654 metres. What is the total distance ( in Kilometres ) Priya covers if she first goes to Sumit's house and then Sheena's house ?

**Chapter 2 : Whole Numbers**

6. Subtract 5 from 13 on number line.
7. Find  $16 \times 25$  using distributivity .
8. Simplify :  $931 \times 95 - 84 \times 931$  .
9. A man bought 30 tables and 30 chairs. If the cost of a table is Rs 500 and that of a chair is Rs 250 , how much did the man spend ?
10. Write the successor and predecessor of 2006389. Also , find their difference.

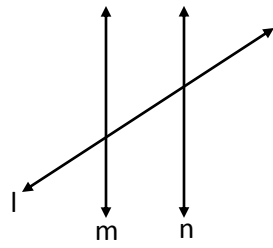
**Chapter 3 : Playing with Number**

11. Find the HCF of 120, 180, 250 by prime factorisation method.
12. Find the smallest number which when divided by 25, 40 and 60 leaves remainder 8 in each case.
13. Using divisibility tests, determine 438340 is divisible by 3, 4, 8, 10.
14. Find the sum of all the prime numbers between 1 and 20.
15. Find the missing digit to make  $156*9$  divisible by 11.

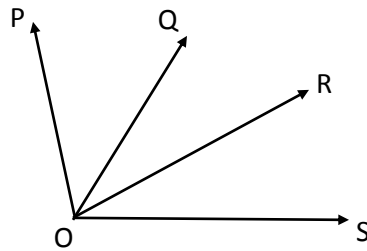
**Chapter 4 : Basic Geometrical Ideas**

16. Draw a sketch of quadrilateral EFGH. State :  
(i) Two pairs of adjacent sides    (ii) Vertices    (iii) Two pairs of opposite sides    (iv) Diagonals
17. How many line segments are there in the : (i) Pentagon    (ii) Hexagon

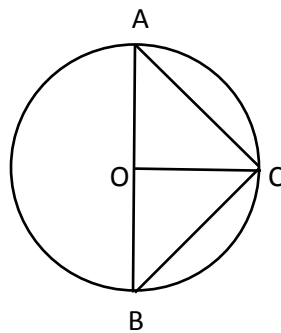
18. Name the pair of all intersecting lines in the given figure :



19. How many angles are formed in the following figure ? Write the adjacent angles also.

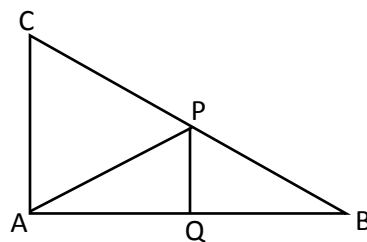


20. In the given circle, find the following : (i) three radii (ii) three chords (iii) a diameter



21. If the line  $l$  passing through the points  $A$  and  $B$  also passes through the point  $C$  then what are the three points  $A$ ,  $B$  and  $C$  called ?

22. Study the given figure and answer the following questions :

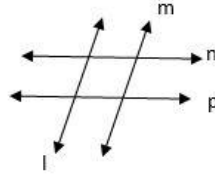


- (i) Name all the triangles formed in the given figure.
- (ii) Which two points lie on sides  $BC$  and  $AB$  respectively ?

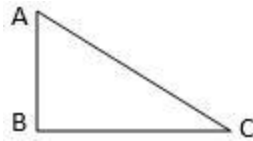
(iii) Name any two line segments inside the triangle ABC.

23. How many arcs are made by a chord on a circle ?

24. Name 2 pairs of intersecting lines and 2 pairs of parallel lines in the given figure :



25. In the given figure, name : (i) the side opposite to  $\angle C$  (ii) the angle opposite to BC.



### **Chapter 6 : Integers**

26. Write down all the integers that are larger than -5, smaller than 4 and are even.

27. Arrange the integers in descending order : 0, -26, 42, -50, 64, 4, -3 .

28. Subtract the sum of 82 and -53 from the sum of -51 and -63 .

29. Add -2 and -5 on the number line.

30. Find the sum of -4280 and its additive inverse .

### **Chapter 7 : Fractions**

31. Arrange  $\frac{2}{5}$ ,  $\frac{3}{4}$  and  $\frac{1}{3}$  in descending order .

32. Show  $\frac{3}{5}$  on a number line .

33. Find  $\frac{1}{8}$  of 168 m.

34. Anu typed  $\frac{4}{9}$  of a report and Pinki typed  $\frac{1}{4}$  of it. What fraction of the report was typed by both of them altogether ?

35. Nimi learns  $\frac{6}{11}$  of a book. How much of the book does she still has to learn ?

### **Chapter 9 : Data Handling**

36. In a survey of 20 families, each family is found to have the following number of children :

1,2,2,3,2,3,3,4,1,1,4,4,2,2,3,1,5,1,1,2

Represent the data in tabular form using tally marks.

37. Amit collects data about birds visiting a bird table. Here are his results :

Sparrow - 5, Crow - 8, Robin - 4, Parrot - 7

Draw a bar graph for it.

38. In a school library, there are books on the following subjects :

English = 500, History = 700, Maths = 800, Science = 900, Hindi = 400

Draw the pictograph for the above data and answer the following questions :

- (i) How many books are there in the school library ?  
(ii) Which subjects have the minimum and maximum number of books ?

39. The following table shows the number of students who attended the school on weekdays.

Days	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
No. of students	750	800	1100	850	1000	950

Draw a bar graph to represent information by using appropriate scale.

40. The weights ( in Kg.) of 22 students of a class are given below :

44,46,42,40,44,44,46,43,43,44,42,46,44,43,43,42,40,40,44,46,46,44

Represent the data in a table using tally marks.

41. The following is a list of size of shoes of 8 students of class VI : 5, 6, 5, 4, 5, 4, 6 and 4. If the shoe size less than 5 is observed for girls, how many girls are there in the list ?

42. Draw a pictograph for representing the number of students in each class based on the given data

Class	I	II	III	IV	V
No. of students	70	70	60	50	40

43. Find the frequency of 2 in the data : 1, 1, 2, 2, 3, 3, 4, 4, 2, 2, 3.