





15. Construct perpendicular bisectors on line segments of these lengths

- a) 6 cm b) 8.8 cm

16.

Job	Number of persons	Each  = 3000 persons
Private service		
Government service		
Factory service		

- a) What is the number of persons employed in government service?
(b) How many more person were employed in government service than in private service?
(c) In which service, were the maximum number of persons employed?

24. The result of a Mathematics test is as follows:

80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60

Make a frequency table for the above data and answer the following questions:

- (a) What is the maximum marks obtained?
(b) How many students score less than 75 marks?
(c) How many students scored 80 marks or above?
(d) How many students appeared in the test?
25. The results when a dice is rolled 10 times are 5,3,1,6,1,5,3,6,4,6. Find the mean and median scores .
26. In a year, Seema earns ₹ 1,50,000 and saves ₹ 50,000. Find the ratio of
(a) Money that Seema earns to the money she saves
(b) Money that she saves to the money she spends.
27. Draw angles of these measures and construct their angle bisectors .
What is the measure of new angle formed ?
a) 70° b) 120° c) 156°

WORKSHEET - 2

FILL IN THE BLANKS:

1. Comparing a quantity with another quantity is called _____
2. Area is the amount of _____ a closed shape occupies.
3. Breadth of a rectangle is given by the formula: Area divided by _____
4. The ratio of 50 g to 2 kg = _____
5. One equivalent ratio of 6: 4 = _____
6. Form of numeral used to count in sets of 5 is called _____

Choose the Correct one

7. The ratio of 1 hour to 300 seconds is :
a) 1:12 b) 1: 5 c) 12:1 d) 5:1
8. To calculate side of a square when perimeter is given, we divide perimeter by:
a) 4 b) 6 c) 2 d) 8
9. If each side of a square with side 16m is halved, then its area reduces by :
a) 64 b) 738 c) 192 d) 256
10. A set of tally marks have _____ :
a) 10 counts b) 5 counts c) 4 counts d) 6 counts .
11. $X + Y = Y + X$, The property is
a) Associative b) Commutative c) Distributive d) Closure property

SOLVE:

12. In a school there were 73 holidays in a year. What is the ratio of number of holidays to number of days in the year?
13. The perimeter of a square painting is 5m 40cm. Find the length of each side.
17. The cost of leveling a playground 51m long and 40m wide at Rs 35 per square meter. Also, find the cost of fencing it at Rs 50 per meter.
14. The perimeter of a square is 48m. The area of a rectangle is 4 sq.m less than the area of the given square. If the length of the rectangle is 14m, then find its breadth.
15. Construct perpendicular bisectors to line segments of the given lengths
a) 6 cm b) 8 cm
16. Sharma wants to divide Rs. 55,000 between his sons-Rahul and Mohit in the ratio of their ages. If age of Rahul is 18 years and age of Mohit is 12 years, find how much Rahul and Mohit will get ?

17. Organize the following marks obtained by 20 students in a math's test, in a table.
15 18 12 15 16 18 14 15 12 10 15 18 16 12 10 18 14 12 18.

18. a) Find the rule for the pattern

b) Using the rule, what is the value when $X = 15$

X	5	6	7	8	12	15
Value	2	3	4	5	9	??

19. Which of the following pairs is a co-prime ?

a) 18 and 35

b) 17 and 68

20. Express the following as the sum of two odd primes

a) 18

b) 36

21. Construct an angle bisector for all the angles .

