



**AL KHOZAMA INTERNATIONAL SCHOOL, DAMMAM**

**B.E.S.T. Group of Schools, K.S.A.**

**WORKSHEET - 2**

**GRADE: 6 – ANNUAL EXAMINATION**

**SUBJECT: MATHEMATICS**

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**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. Two prime numbers with a gap of only one number between them is called \_\_\_\_\_
7. If 2 and 5 are factors then \_\_\_\_\_ is their multiple.
8. Form of numeral used to count in sets of 5 is called \_\_\_\_\_

**Choose the Correct one**

9. The ratio of 1 hour to 300 seconds is :  
a) 1:12    b) 1: 5    c) 12:1    d) 5:1
10. To calculate side of a square when perimeter is given, we divide perimeter by:  
a) 4    b) 6    c) 2    d) 8
11. If each side of a square with side 16m is halved, then its area reduces by :  
a) 64    b) 738    c) 192    d) 256

12. A set of tally marks have \_\_\_\_\_ :
- a) 10 counts    b) 5 counts    c) 4 counts    d) 6 counts .
13. The data can be organized in tables using \_\_\_\_\_
- a) Bargraph    b) Pictograph    c) Tally table    d) Circle chart .
14.  $X + Y = Y + X$ , The property is
- a) Associative    b) Commutative    c) Distributive    d) Closure property

**SOLVE:**

15. 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?
16. 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.
18. 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.
19. How many tiles of length 16 cm and breadth 5 cm will be required to fit in a rectangular area of 96 cm x 60cm?
20. 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 ?
21. 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 .
22. Arrange the following fractions in ascending order
- a)  $3\frac{1}{8}, \frac{3}{4}, \frac{23}{16}$     b)  $\frac{34}{4}, \frac{3}{20}, 8\frac{4}{5}$

23.

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

- a) Find the rule for the pattern
- b) Using the rule, what is the value when  $X = 15$
24. Which of the following pairs is a co-prime ?
- a) 18 and 35
- b) 17 and 68
25. Express the following as the sum of two odd primes
- a) 18                      b) 36

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