

NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH, K.S.A



Affiliated to CBSE – New Delhi, Affiliation No. 5730008

TERM- 3 March, 2022-23

WORKSHEET: 1

GRADE: 6

SUBJECT: MATHEMATICS

FILL IN THE BLANKS:

1. The perimeter of a square = x side
2. There are 12 trucks and 5 cars. What is the ratio of trucks to cars?
3. is the amount of surface a figure covers.
4. A is a letter used to represent an unknown quantity.
5. A quantity whose value does not vary is called a
6. A set of tally marks have
- a) 10 counts b) 5 counts c) 4 counts d) 6 counts
7. The data can be organized in tables using
a) Bargraph b) Pictograph c) Tally table d) Circle chart

SOLVE:

8. The number of boys and girls in a school are 1168 and 1095 respectively. Express the ratio of the number of boys to that of the girls in the simplest form.
9. Give two equivalent ratios of 6: 8
10. Identify the property used:
a) $x + y = y + x$ b) $3 \times (p + q) = 3p + 3q$
11. Identify the rules for the following patterns:





X	1	2	3	4	10	20
Value	5	6	7	8	14	24

12. Construct angles of these measures using a compass .
a) 60° b) 30° c) 120°
13. Venu jogs 5 times around a park which is 150 m long & 100 m wide. How much distance does he cover?
14. The length & breadth of a room are 650 cm & 450 cm respectively. Find the cost of flooring it at Rs 30 per sq. m

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°
