

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

Affiliated to CBSE – New Delhi, Affiliation No. 5730008



WORKSHEET - 1

GRADE: 6– ANNUAL EXAMINATION

SUBJECT: MATHEMATICS

FILL IN THE BLANKS:

1. The number of prime numbers between 1 to 100 is
2. The smallest composite number is
3. The perimeter of a square = x side
4. There are 12 trucks and 5 cars. What is the ratio of trucks to cars?
5. is the amount of surface a figure covers.
6. A is a letter used to represent an unknown quantity.
7. A quantity whose value does not vary is called a

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. Compare $\frac{2}{8}$ & $\frac{1}{4}$
11. Arrange the following fractions in ascending order:
 $8\frac{2}{3}, \frac{44}{9}, \frac{7}{10}, \frac{3}{5}$
12. Write three pairs of twin primes below 20.
13. Identify the property used:

a) $xy = yx$

b) $3 \times (p+q) = 3p + 3q$

14. Identify the rules for the following patterns:

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

15. The floor of the hall is completely covered by 26 carpets, each measuring 4 m by 2.5 m. What is the area of the floor of the hall?
16. Venu jogs 5 times around a park which is 150 m long & 100 m wide. How much distance does he cover?
17. The length & breadth of a room are 650 cm & 450 cm respectively. Find the cost of flooring it at Rs 30 per sq. m



18. Given below is the information about the marks obtained by Rinu in 5 different subjects.

Subjects	Math	Eng	Hin	Sci	GK
Marks	100	20	30	40	50

Make a bar graph to show the marks of different subjects.

19. Find the missing value. $\frac{5}{12} = \frac{\quad}{84}$

20. Reduce each of the following to its simplest form:

a) $\frac{15}{39}$ b) $\frac{10}{25}$ c) $\frac{52}{65}$

21. The perimeter of a rectangle is 186 cm & its length is 65 cm. Find the breadth.

22. Find the GCF of 4 & 12

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



23.

- 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. 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.
