THE VILLAGE
INTERNATIONAL SCHOOL
"We Nurture Dreams"

QUESTION BANK GRADE -5 SUBJECT: MATHEMATICS

1)Draw dots to show square numbers :

a) 6x6 b) 7x7 c)8x8

2) There are 25 students in a class. The teacher wants to arrange them in a square. What is the number of students in the rows and columns? If she wants more students, what is the minimum number of students required?

3) Complete the pattern:

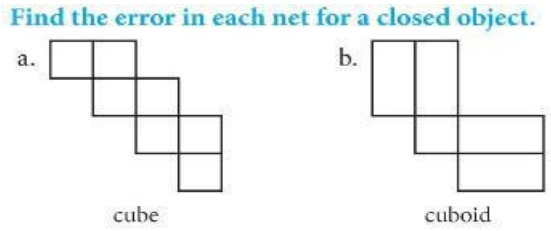
a) 1,4,9,……. ,……, ……. b)1,3,6,10 ,……., ……., …….

4) Write down i) any 4 square numbers. Ii) any 4 triangle numbers.

5)Look at the pattern and fill up :

a) 40,55,70,---- , ------, ------- ii) ……, ……., 350,450,…….. ,…….. ,…….

5)



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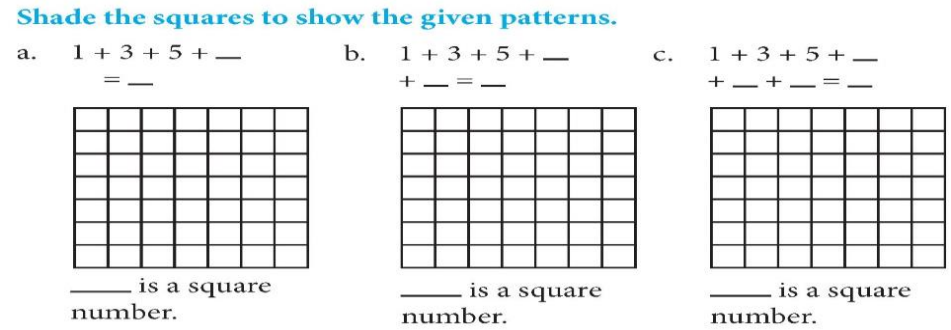


7)Write down all the multiplication facts of the following numbers .

a) 36 b) 72 c)100

8)Write down the first five multiples of the following numbers ;

a) 8 b) 18 c) 25

9) Write down the factors of the following .

a) 36 b) 72 c)100

10)Draw the factor tree and find all the factors of the following numbers.

a) 36 b) 72 c)100

11)Write down i) the factors of each number ii) common factors of each numbers and

iii) Highest Common Factor (H.C.F) of each of the following pair of numbers .

a) 56 ,16 b) 80, 128 c) 72 , 96

12) Write down i) the first 10 multiples of each number ii) common multiples of each numbers and

iii) Lowest common multiple (L.C.M) of each of the following pair of numbers .

a) 6, 8 b) 8, 12 c) 15,18

13)Find the greatest number that will exactly divide 300 and 120.

14) Find the smallest number that can be exactly divided by 33 and 22.

15)What are prime numbers below 15?

16) What do you mean by composite numbers ?

17) Which is the smallest prime number?

18) Fill in the blanks:

a)The common factor(s) of 2 and 11 will be …….

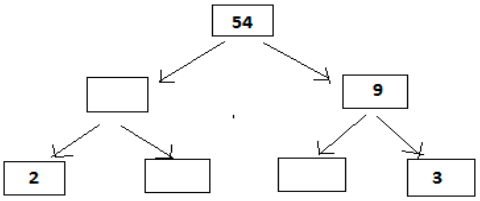
b) The common factor(s) of 9 and 49 will be …….

c) The common factor(s) of 6 and 54 will be …….

d)The five common multiples of 6 and 8 are ……..

e) The five common multiples of 5 and 7 are ……..

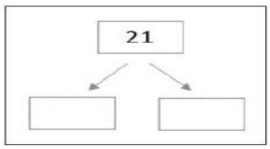
19) Complete the factor tree of 54



20)

Complete the factor tree.

1.



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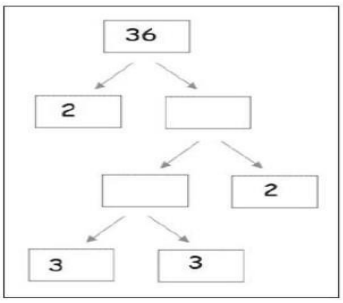


21)There vare 6 balloons in each bunch. How many balloons will be there in the given number of bunches?

a) 5 bunches : …… b) 12 bunches : …… c)36 bunches : ……

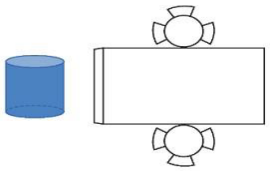
22) Circle the prime numbers from the given list of numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

23) Kanchana walks 30 steps a minute and madhavi walks 40 steps in a minute .If they are walking at the same time ,after how many minutes will they meet?

24))Mohan cleans the garden every second day.He collects the fruits and vegetables from his garden every third day.When will he do both after the first time, if both starts at the same time?

25) Identify whose net is it:



26) Draw the nets of i) cube iii) cuboid iii)Right circular cylinder

27) Sadiq has 32 pens. What are the different ways in which Sadiq can pack thepens equally.In all the ways of packing ,is the number of pens in each packet a factor of the total number of pens?

28) Find the Least Common multiples of the following numbers:

a) 6,8 b) 10,15

29)A rectangular box can hold 15 bars of chocolates. If 3 bars of chocolate can be kept in one row of the box, how many rows will be required for placing all the bars of chocolates.

30)Find all the factors of 40.