

# Sacred Grove School

## 3<sup>rd</sup> Home Work

19  
MONDAY

MARCH

Class - VI

Sub: Maths

\* Do in copy.

1. Give the prime factorization of each of the following numbers:

1224, 2907, 1035, 4641

2. Find HCF using prime factorization:

i) 1197, 5320, 4389      iii) 272, 425

ii) 84, 120, 138

3. Find HCF using division method:

i) 1794, 2346, 4761      ii) 658, 940, 1128

iii) 399, 437      iv) 754, 1508, 1972

4. Find the greatest number which divides 2011 & 2623, leaving remainders 9 & 5 respectively.

5. Find LCM:

i) 12, 18, 20      ii) 144, 180, 384

iii) 48, 64, 72, 96, 108      iv) 36, 40, 126

6. The product of two numbers is 2160. & their HCF is 12.

APR 2001

S	M	T	W	T	F	S
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					



Find their LCM.

7. The HCF of two numbers is 145 & their LCM is 2175. If one of the numbers is 725, find the other.

8. Find the least number divisible by 15, 20, 24, 32 & 36.

9. Three bells toll at intervals of 9, 12, 15 minutes. If they start tolling together, after what time will they next toll together?

10. Reduce to lowest terms:

$$1) \frac{296}{481}$$

$$ii) \frac{517}{799}$$

11. Find the least number which when divided by 25, 40 & 60 leaves 9 as the remainder in each case.

— X —

MAR 2001

S	M	T	W	T	F	S
				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