



## LCM Worksheet Grade -5

**Solve the following.**

- 1) Find the LCM of 10, 15 and 18 by the prime factorization method.
- 2) Find the LCM of 21, 14 and 42 by Short division method.
- 3) Find the LCM of 10, 15 and 18.
- 4) Find the LCM of 48 and 72 by prime factorization method.
- 5) Find the LCM of 90, 108 and 144 by prime factorization method.
- 6) Find the LCM of 20, 30 and 50 by short division method.
- 7) Find the LCM of 12, 18, 24 and 36 by short division method.
- 8) Find the LCM of 96, 108, 24 and 180 by short division method.
- 9) Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. After how much time will they toll together again?
- 10) Find the least number which is exactly divisible by each one of the numbers 12, 16 and 24.
- 11) Find the least number of stones so that heaps of 15, 20 and 30 stones can be made.
- 12) The HCF of two numbers is 144 and their LCM is 2880. If one of the numbers is 720, Find the other number.

Ans. 1) 90 2) 42 3) 90 4) 144 5) 2160 6) 300 7) 72 8) 4320 9) 120 seconds or 2 minutes 10) 48  
11) 60 12) 576