

1. The greatest common divisor of two positive integers,  $n$  and  $m$ , is the largest number,  $d$ , which divides evenly into both  $n$  and  $m$ . There are several algorithms that can be used to solve this problem, including: Initialize  $d$  to the smaller of  $m$  and  $n$ . Keep decreasing  $d$ , until you find a number that divides both of the numbers.
2. Find GCD from the conventional method.
3. Find LCM of two numbers using conventional method
4. Find LCM by using algorithm: to get the least common multiple of two numbers is to multiply them and divide the result by their greatest common divisor.