

Chapter 5 Class 6

Ganita Prakash

- Mix Questions

Worksheet 1

by *teachoo*

Chapter: [Chapter 5 Class 6 - Prime Time \(Ganita Prakash\)](#)

Name: _____

School: _____

Roll Number: _____

1. Find the smallest number that is a multiple of all the numbers from 1 to 15
2. Which of the following is the product of exactly two distinct prime numbers :- 32 , 77, 25 , 65 , 96?
3. Write two three digit numbers whose product is 51570. The two numbers should not have 0 as the units digit.
4. Find the prime factorization of 58×30 without multiplying first.
5. Is the first number divisible by the second? (a) 1215 and 81 (b) 468 and 27

6. The teacher asked if 39200 is divisible by all of 2, 4, 5, 7, 8 and 10. Guna checked for divisibility of 39200 by only three of these numbers and then declared that it was also divisible by all of them. What could those three numbers be?
7. Fill in the blanks :-
- (1) Co -prime numbers have no common factor other than _____.
- (2) The smallest common multiple (other than 1) of 4 and 6 is ____.
- (3) If a number has 2 , 3 and 11 as prime factors, the smallest such number is _____.
- (4) In the divisibility test of __, only the last three digits matter when deciding if a given number is divisible by it or not.
- (5) The smallest number whose prime factorisation has two different prime numbers _____.
8. The first number has prime factorisation $2 \times 5 \times 19$ and the second number has prime factorisation $5 \times 7 \times 19$. Are they co-prime? Does one of them divide the other?
9. State True / False :-
- (1) Every Even number greater than 2 is composite.
- (2) Only odd numbers are prime.
- (3) 1 is a factor of every number.
- (4) A number divisible by 4 is always even.

(5) 5 is the smallest odd prime number.

10. Find the remainders obtained when each of the following numbers are divided by 2, 3 and 5.

(1) 92 (2) 67 (3) 222 (4) 400 (5) 625 (6) 5252 (7) 929

Important links

- Answer of this worksheet - <https://www.teachoo.com/25630/5381/Mix-Questions---Worksheet-1/category/Teachoo-Questions---Mix/>
- Full Chapter with Explanation, Activity, Worksheets and more – <https://www.teachoo.com/subjects/cbse-maths/class-6/chapter-5-ganit-prakash/>
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