

# Chapter 5 Class 6

## Ganita Prakash

### - Assertion and Reasoning

## Worksheet 1

by *teachoo*

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

Name: \_\_\_\_\_

School: \_\_\_\_\_

Roll Number: \_\_\_\_\_

#### Instructions:

For each question, two statements are given: Assertion (A) and Reason (R). Choose the correct option.

- (a) Both A and R are true, and R is the correct explanation of A.
- (b) Both A and R are true, but R is not the correct explanation of A.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

1) **Assertion (A):** Any two prime numbers are co-prime.

**Reason (R):** Composite numbers are defined as whole numbers that have more than two factors.

2) **Assertion (A):** The number 1 does not have any prime factorisation.

**Reason (R):** It is not divisible by any prime number.

3) **Assertion (A):** The number 6 is not a perfect number.

**Reason (R):** The factors of 6 are 1, 2, 3 and 6 and also their sum is 12 which is twice of 6.

4) **Assertion (A):** The number 5585 is divisible by 5.

**Reason (R):** A number is divisible by 5 if the last two digits of number is divisible by 5.

5) **Assertion (A):** 9 and 10 are co- prime numbers.

**Reason (R):** Co- prime numbers always differ by 1.

## Important links

- Answer of this worksheet -<https://www.teachoo.com/25632/5382/Assertion-Reasoning---Worksheet-1/category/Teachoo-Questions---Assertion-Reasoning/>
- Full Chapter with Explanation, Activity, Worksheets and more – <https://www.teachoo.com/subjects/cbse-maths/class-6/chapter-5-ganit-prakash/>
- Science Class 6 – <https://www.teachoo.com/subjects/science/class-6/>
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