

**PM SHRI KENDRIYA VIDYALAYA NFC NAGAR GHATKESAR
SUMMER VACATIONS HOLIDAY HOMEWORK**

Session: 2026–27

Class: VI

GANITA PRAKASH

1. Multiplication Tables

Create a neat and beautiful table booklet and learn multiplication tables from 1 to 20.

2. Indian Mathematicians

a) Why is Srinivasa Ramanujan famous? Write at least five lines.

b) Write 3 to 4 lines about Brahmagupta.

3.LCM & HCF

Find the LCM & HCF of

- a. Any two prime numbers
- b. Any two composite numbers
- c. Any two co-prime numbers

4. Number Line

Solve the following using a number line:

a) $2 + (-3) = \underline{\hspace{2cm}}$

b) $-3 + (-2) = \underline{\hspace{2cm}}$

5. Lists

a) Write the square numbers from 1 to 20.

b) Write the cube numbers from 1 to 15.

6.Case study

A school is organizing a picnic. There are 120 students going on the trip. Each bus can carry 30 students.

- a. How many buses are required for all the students?
- b. If each students pays ₹150 for the trip, what is the total amount collected?

7. Unit Conversion

a) $2\text{ m} + 30\text{ cm} = \underline{\hspace{2cm}}$ centimeters

b) $5\text{ km} + 35\text{ m} = \underline{\hspace{2cm}}$ meters

8.Place Value

What is the sum of the place value and the face value of '3' in 28,357?

9.Number Difference

What is the sum of the smallest 5-digit number and the largest 4-digit number?

10.Ascending and Descending

- a. 178924
- b. 738294
- c. 56789
- d. 178009