

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

Session: 2026–27
Class: VII

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) Word Problem

Two bells ring at intervals of 12 minutes and 18 minutes. If they ring together at 10:00 AM, at what time will they ring together again?

4. Application of Division and Arrangement

A shopkeeper has 360 notebooks. He packs them into boxes with 12 notebooks in each box.

- a) How many boxes are needed?
- b) If 360 notebooks are arranged in a rectangular form such that 12 notebooks are along the width, how many notebooks will be along the length?

5. Number Line

Solve the following using a number line:

- a) $7 + (-3) = \underline{\hspace{2cm}}$
- b) $-3 + (-4) = \underline{\hspace{2cm}}$

6. Lists

- a) Write the square numbers from 1 to 20.
- b) Write the cube numbers from 1 to 15.

7. Unit Conversion

a) $12\text{ m} + 30\text{ cm} =$ _____ centimeters

b) $15\text{ km} + 35\text{ m} =$ _____ meters

8. Place Value

What is the product of the place value and the face value of '8' in 28,357?

9. Number Difference

What is the difference between the smallest 5-digit number and the largest 4-digit number?

10. Numeration Systems

Write the following numbers in both the Indian and International (American) systems of numeration:

a) 170432

Indian System: _____

International System: _____

b) 2804765

Indian System: _____

International System: _____

c) 32501902

Indian System: _____

International system:
