

PM SHRI KV NO. 1 SURAT
SUBJECT : MATHEMATICS
SUMMER VACATION HOMEWORK

CLASS VII

Textbook : Ganit Prakash (Class VII)

Topics : Large Numbers Around Us | Creative Mathematics

Total Questions : 12 Questions

Note : To be completed in the regular mathematics notebook.

Chapter : Large Numbers Around Us

Q1. Write the number 3,08,75,412 in words using the Indian System of Numeration. [1M]

Q2. Express the following in standard form (scientific notation): (i) 57,00,000 (ii) 8,04,30,000 [2M]

Q3. The distance from Earth to the Sun is approximately 15,00,00,000 km. Write this number in words and in standard form. [2M]

Q4. Round off 4,76,83,519 to the nearest: (i) thousand (ii) lakh (iii) crore [2M]

Q5. Compare using > or <: (i) 9,87,65,432 ___ 9,87,56,432 (ii) 1,00,00,001 ___ 99,99,999 [1M]

Q6. India's population in 2023 was approximately 142,86,18,000. Write this in the International System and in Indian System. Which system uses 'billion'? [2M]

Q7. The national budget allocated Rs 27,50,000 crore for education. Write this amount using digits and express in standard form. [2M]

Creative Mathematics

Q8. Create your own 8-digit number using all different digits. Write it in words (Indian System), International System and standard form. [3M]

Q9.. Design a 'Number Chain': Start from 2. Multiply by 10 six times. Write each step and express the final number in words. [2M]

Q10. Using the digits 1, 2, 3, 4, 5 each exactly once, form: (i) the greatest 5-digit number (ii) the smallest 5-digit number. Find the difference and express it in Indian System in words. [3M]

Q11. Puzzle: I am a 7-digit number. My ten-lakhs digit is 3, lakhs digit is twice the ten-lakhs digit, the rest of my digits (left to right) are 4, 9, 0, 5, 2. Who am I? Write me in words. [2M]

Q12. Collect data: Find the approximate population of 5 states of India. Write all figures in Indian System. Arrange in descending order and round each to the nearest crore. [4M]