

SHRI RAM CENTENNIAL SCHOOL

Worksheet

Subject: MATHEMATICS

Class: VIII

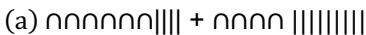
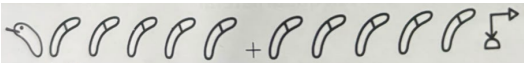
Number: [03/2627/3]

Date:

Roll No. –

Student's Name:

Section:

1. How is 1 million represented in Egyptian number system?
2. In Mesopotamian Number system, the symbol for 21 is _____.
3. In Chinese number system, the symbol for 7 heng is _____ and 3 zong is _____.
4. The Hindu number system is a base - _____ number system.
5. The Mesopotamian Number System is also called as _____.
6. Convert the Gumulgal number system into Hindu-Arabic numbers, add them and write the final answer in Gumulgal number system:
(ukasar-ukasar-ukasar-ukasar) + (ukasar-ukasar-urapon)
7. Write the numbers in Roman Numeral:
(a) 516 (b) 145 (c) 900 (d) 2561
8. Answer whether the given Roman Numeral is possible or not ? Also explain why.
(a) MMMCXCX (b) CCCLLV
9. Add the following Roman Numerals by converting into Hindu-Arabic numbers and write the final answer in Roman Numeral.
(a) LXXVI + XLVI
(b) CDIII + D
(c) DXVI + CXLV
10. Add the Egyptian numerals.
(a)  + (b) 
11. Represent the following numbers in Mesopotamian Number System.
(a) 3605 (b) 7340
12. Represent the following numbers in Mayan Number System.
(a) 721 (b) 1380
13. Draw the table which shows Egyptian number System and its corresponding symbols.
14. Draw the table with symbols for the numbers 1 to 9 in Chinese Number System.
15. Represent $\equiv$ T – || in Chinese Number System.

CHALLENGING SECTION

Create your own base-8 number system, where the first landmark number is 1, and each subsequent landmark number is obtained by multiplying the previous one by 8. Represent the first 20 numbers using this system.

Were you able to represent all the numbers?

Represent the following numbers using this base-8 number system:

(a) 79

(b) 892