

### ****Puzzle 1: Number Detective (Place Value Challenge)****

**Clue:**
I am a 7-digit number.

* In the **Indian system**, I read as: **Seventy-three lakh twenty-four thousand one hundred five**.
* In the **International system**, I read as: **Seven million, three hundred twenty-four thousand, one hundred five**.

**Q1. What is the number?**
Q2. What is the digit at the **ten-thousands** place in the Indian system?
Q3. What is the place value of the digit 3 in this number?

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### ****Puzzle 2: Roman Number Mystery****

A secret number is written in Roman numerals:
**MMCDXLVI**

 **Q1. What is this number in Hindu-Arabic numerals?**
Q2. Add 1000 to the number. Write the answer in both **Roman numerals** and **Hindu-Arabic**.

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### ****Bonus Puzzle: Guess the Number (Mixed System Challenge)****

I am a **7-digit number**.

* In the **Indian system**, I am read as: **Eighty lakh, four thousand, five hundred two**
* My Roman numeral is **MMXV**

Q1. Write me in numerals (Indian & International).
Q2. Is my Roman numeral related to the 7-digit number? Why or why not?