1. Write the numeral for each of the following numbers.
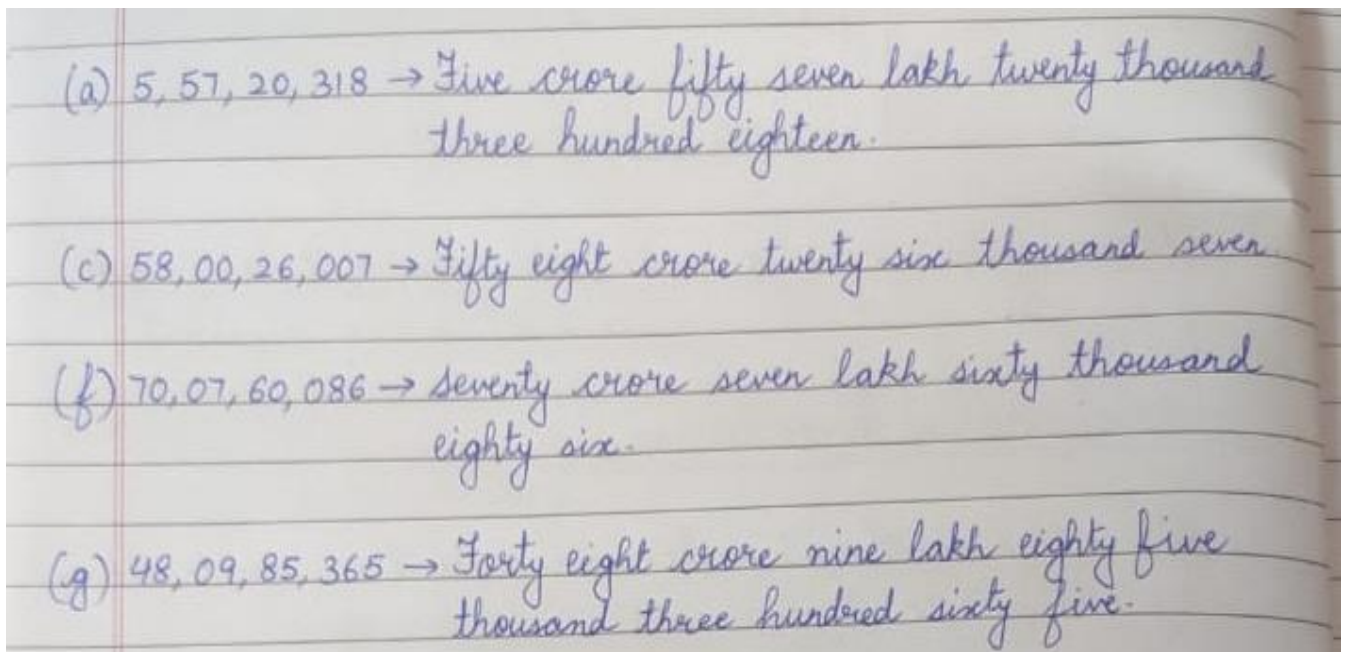
(a) Sixty-two lakh seven thousand nine   62,07,009

(b) Three crore one lakh seventy-five thousand twenty   3,01,75,020

(c) Nineteen crore sixty-four lakh seven thousand one hundred   19,64,07,100

(d) Thirty-nine crore twenty-five lakh fifty-nine thousand six hundred eighteen   39,25,59,618

(e) Eight crore eighty-eight thousand   8,00,88,000

(f) Twenty-seven crore two hundred seventeen   27,00,00,217

Do this Q1. in book only.
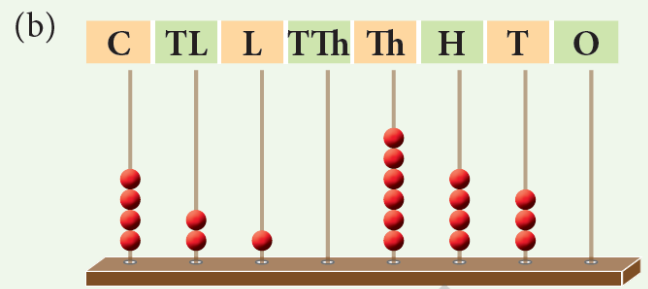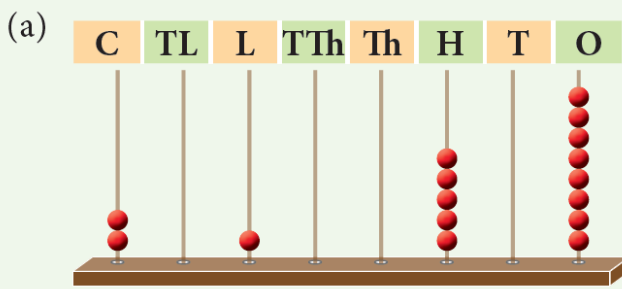
2. Write the following numbers in word form.

(a) 5,57,20,318   (b) 6,05,00,060   (c) 58,00,26,007   (d) 42,80,66,770

(e) 83,00,22,049   (f) 70,07,60,086   (g) 48,09,85,365   (h) 70,02,86,590

Solution 2:-

(a) 5, 57, 20, 318 → Five crore fifty seven lakh twenty thousand three hundred eighteen.

(c) 58, 00, 26, 007 → Fifty eight crore twenty six thousand seven.

(f) 70, 07, 60, 086 → Seventy crore seven lakh sixty thousand eighty six.

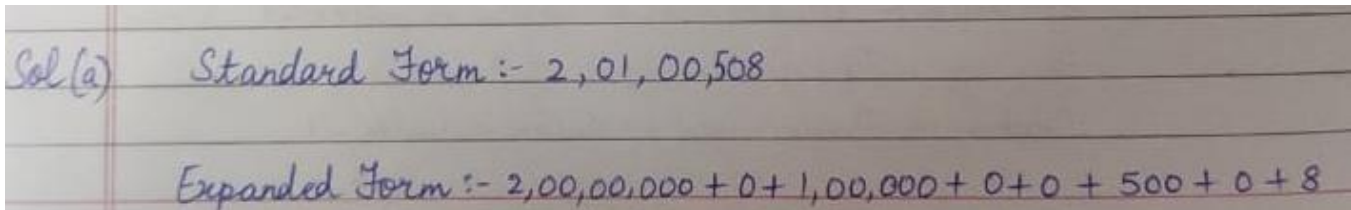(g) 48, 09, 85, 365 → Forty eight crore nine lakh eighty five thousand three hundred sixty five.

In Q2 (b) , (d), (e) and (h) are homework.

3. Write the following numerals in the standard form and expanded form, according to the Indian system of numeration.

(a)

C	TL	L	TTh	Th	H	T	O

(b)

C	TL	L	TTh	Th	H	T	O

Solution 3:-

Sol (a)   Standard Form :- 2,01,00,508

Expanded Form :- 2,00,00,000 + 0 + 1,00,000 + 0 + 0 + 500 + 0 + 8

> **In Q3 (b) is homework.**

4. Arun's start up company is doing well and in the first year itself, it has made a turnover worth rupees eight crore thirty-two lakh six thousand. Write the numeral for this amount.

Solution 4:-

> **This question is homework. Do it by yourself.**

5. Write the period and the place value of the coloured digit in each of the following numbers.

(a) 5,80,20,196   (b) 59,00,81,606   (c) 7,29,60,002   (d) 52,98,69,200

(e) 47,00,12,510   (f) 70,68,04,218

Solution 5:-

	Periods	Place Value
(a) 5,80,20,196	Ones	90 or 9 tens
(b) 59,00,81,606	Crores	50,00,00,000 or 5 ten crores
(c) 7,29,60,002	crores	7,00,00,000 or 7 crore
(f) 70,68,04,218	Thousands	4,000 or 4 thousands

> **In Q3 (d) and (e) are homework.**

6. Write the following numbers in their expanded form.
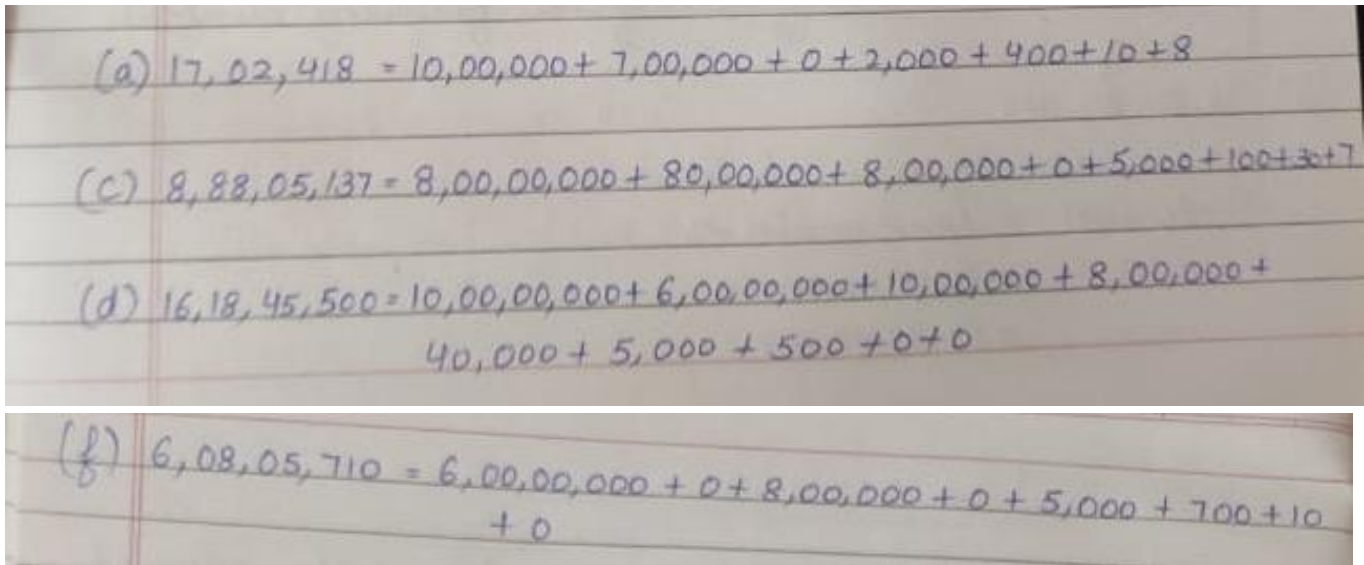
    (a) 17,02,418   (b) 6,72,920   (c) 8,88,05,137   (d) 16,18,45,500

    (e) 3,69,65,614   (f) 6,08,05,710

Solution 6:-

(a) $17,02,418 = 10,00,000 + 7,00,000 + 0 + 2,000 + 400 + 10 + 8$

(c) $8,88,05,137 = 8,00,00,000 + 80,00,000 + 8,00,000 + 0 + 5,000 + 100 + 30 + 7$

(d) $16,18,45,500 = 10,00,00,000 + 6,00,00,000 + 10,00,000 + 8,00,000 + 40,000 + 5,000 + 500 + 0 + 0$

(f) $6,08,05,710 = 6,00,00,000 + 0 + 8,00,000 + 0 + 5,000 + 700 + 10 + 0$

In Q6 (b) and (e) are homework.

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7. Write the numbers for the following expanded forms.

    (a) $40,00,00,000 + 5,00,00,000 + 20,00,000 + 90,000 + 7,000 + 600 + 30 + 2$ **= 45.20.97.632**

    (b) $80,00,00,000 + 2,00,00,000 + 30,00,000 + 5,00,000 + 80,000 + 3,000 + 700 + 40 + 6$
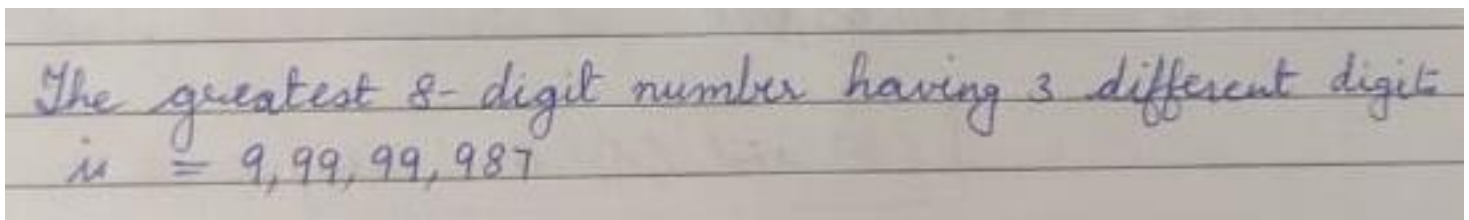
    (c) $90,00,00,000 + 3,00,000 + 90,000 + 600 + 7$ **= 90.03.90.607**

    (d) $3,00,00,000 + 40,00,000 + 20,000 + 8,000 + 90 + 4$ **= 3,40,28,094**

In Q7 (b) is homework.

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8. Write the greatest 8-digit number having three different digits.

Solution 8:-

The greatest 8-digit number having 3 different digits is $= 9,99,99,987$

9. Write the successor of each of the following numbers.

[**Hint:** Successor of a given number = Given number + 1]

(a) 69,60,73,876   (b) 4,79,83,979   (c) 80,99,99,999   (d) 33,48,32,999

Solution 9:-

(a) 69, 60, 73, 876

Successor = Given number + 1
= 69, 60, 73, 876 + 1
= 69, 60, 73, 877

In Q9 (b) and (d) are homework.

(c) 80, 99, 99, 999

Successor = Given number + 1
= 80, 99, 99, 999 + 1
= 81,00,00,000

10. Write the predecessor of each of the following numbers.

[**Hint:** Predecessor of a given number = Given number – 1]

(a) 6,92,75,873   (b) 70,00,00,000   (c) 8,56,87,500   (d) 7,70,00,700

(e) 85,26,89,990

Solution 10:- (b) 70,00,00,000

Predecessor = Given number - 1
= 70,00,00,000 - 1
= 69,99,99,999

(d) 7,70,00,700

Predecessor = Given number - 1
= 7, 70, 00, 700 - 1
= 7, 70, 00, 699

(e) 85, 26, 89, 990

Predecessor = Given number -1
= 85,26,89,990 - 1
= 85,26,89,989

In Q10 (a) and (c) are homework.

11. Counting by twos, write the numbers from 60,09,898 to 60,09,908.

Solution 11:- **This question is homework. Do it by yourself.**

12. Counting by hundreds, write the numbers from 80,09,809 to 80,10,209.

Solution 12:-

80,09,809; 80,09,909; 80,10,009; 80,10,109; 80,10,209

13. Counting by thousands, write the numbers from 16,69,310 to 16,73,310.

Solution 13:-

16,69,310; 16,70,310; 16,71,310; 16,72,310; 16,73,310.

14. Find the product of the place values of two 4s in thirty-four lakh four hundred sixty.

Solution 14:-

Numeral → 34,00,460
The place value of 4 at hundreds place in 34,00,460 is 400
The place value of 4 at lakhs place in 34,00,460 is 4,00,000
Product = 400000
× 4
16,00,000

∴ The product is 16,00,000 or Sixteen Lakh