Answers

(1) **A)** 868787

B) 787978

(2) **A)** 277847

B) 695338

C) 974375

D) 691465

(3) 905353

(4) 90000 (ninety thousand)

Step 1

Let us learn to solve this question using the international place value chart as below:

TM	M	HTH	TTH	TH	H	T	O
	4	3	2	9	3	4	2	0

Legend:

TM - Ten Millions, M - Millions, HTH - Hundred thousands, TTH - Ten Thousands, TH - Thousands, H - Hundreds, T - Tens, O - Ones.

In the above chart, we observe that 9 is placed in Ten Thousands. We can express the same as 90000 or ninety thousand.

Step 2

Thus, the answer is **90000 (ninety thousand)**.

(5) 1863869

Step 1

The total number of votes cast altogether in the election is equal to the sum of the votes that each of the three candidates got.

Step 2

Hence, the total votes cast in the election = Votes of the 1^{st} candidate + Votes of the 2^{nd} candidate + Votes of the 3^{rd} candidate

= 839327 + 331881 + 692661

= **1863869**

(6) 787

(7) €37629

Step 1

According to the question, Thanos's dad bought the house for €37714 and sold it for €85 less than the cost price. To find the selling price, we will subtract 85 from 37714.

Step 2

Calculating the difference :
37714 - 85 = 37629

Step 3

Therefore, Thanos sold the house for **€37629**.

(8) **A)** 18693183

B) 1387016

C) 1172402

D) 77971593

E) 1052748

F) 977291816

(9) 1700 km

Step 1

Justyna has to travel through three highways and one road in her town to reach her home.

Step 2

To find the total distance she needs to travel, we must add all the distances that she covers on the three highways as well as the road within her town.

Step 3

This means, the total distance she needs to travel = 256 + 538 + 522 + 384 = **1700 km**.

(10) **c.** 6193673

Step 1

We have been asked to find the number which is 10000 more than 6183673.

Step 2

The number that is 10000 more than 6183673 can be found by adding the two numbers as:
10000 + 6183673 = 6193673

Step 3

Therefore, 10000 more than 6183673 is **6193673**.

(11) **b.** 502962

Step 1

Difference between two numbers = 489274
The larger number between the two = 992236
This is clearly a subtraction problem where we have been given the minuend(the larger digit is minuend) and we have to find the subtrahend (the number to be subtracted).

Step 2

So, 992236 - subtrahend = 489274
The value of subtrahend can be derived from the expression.
subtrahend = 992236 - 489274

Step 3

So, subtrahend = 502962
Hence, the correct answer is **502962**.

(12) **a.** 7

Step 1

One crore can be written in the numeric form as: 10000000.

Step 2

10000000 consists of 7 zeros. Hence, the correct answer is **7**.

(13) 7986121

Step 1

Here, we are looking for a number which is 65408 more than 7920713.

Step 2

We can find such a number by adding 65408 to 7920713.

Step 3

Let us now add the numbers 65408 and 7920713 as below:

$$\begin{array}{rr} & 65408 \\ + & 7920713 \\ \hline \textbf{Sum} & 7986121 \end{array}$$

Step 4

Thus, 65408 more than 7920713 is **7986121**.

(14) >

Step 1

To obtain the greater of the two numbers, we will use the following steps:

A. First, we compare the number of digits. The number with more digits will be greater.
B. If the number of digits is same in both the numbers, we compare the most significant digit (the left-most digit). The number with the higher digit at this place will be greater.
C. If the left-most digits are same in both the numbers, we compare the next digit (towards the right), until we find a case where the digits differ.

Step 2

Let us first compare the number of digits in 78143358 and 77643358:

A. The number of digits in 78143358 = 8
B. The number of digits in 77643358 = 8

Step 3

Since the number of digits appears to be the same in both the given numbers, we will follow our next step to answer the question.

Step 4

Let us compare the 1^{st} digit on the left in both the numbers:

A. The 1^{st} digit from the left in 78143358 is 7.
B. The 1^{st} digit from the left in 77643358 is 7.

Since both the digits are equal, let us compare the next pair of digits.

Step 5

Let us compare the 2^{nd} digit on the left in both the numbers:

A. The 2^{nd} digit from the left in 78143358 is 8.
B. The 2^{nd} digit from the left in 77643358 is 7.

Since, 8 > 7,
78143358 > 77643358

(15) >

Step 1

To compare the two given large numbers, the following steps can be used:

a. First compare the number of digits. The number with more digits will be larger.
b. If the number of digits is same, compare the most significant (left-most) digit. The number with the higher digit at this place will be larger.
c. If the left-most digits are same, compare the next digit (towards right), until we find a case where the digits differ.

Step 2

Let us first compare the number of digits of 89706 and 43156.
Number of digits in 89706 = 5
Number of digits in 43156 = 5

Step 3

Let us compare the 1^{st} digit from left.

1^{st} digit from left in 89706 = 8

1^{st} digit from left in 43156 = 4

Since 8 > 4

Therefore, 89706 **>** 43156