Answers

(1) **A)** 681

B) 498

C) 9607

D) 888

E) 895

F) 4997

(2) 1951965

> **Step 1**
>
> The population of a town includes all men, women and children of that town.
>
> **Step 2**
>
> This means, the total population of the town = The number of men + The number of women + The number of children = 606599 + 346800 + 998566
> = **1951965**.

(3) **A)**

$$\begin{array}{r} 1\,6\,\boxed{8}\,\boxed{6}\,\boxed{9}\,6\,7 \\ +\quad\quad 4\,8\,2\,0\,2 \\ \hline \boxed{1}\,\boxed{7}\,3\,5\,1\,\boxed{6}\,\boxed{9} \end{array}$$

B)

$$\begin{array}{r} \boxed{1}\,0\,\boxed{9}\,\boxed{4}\,8 \\ +\quad\boxed{5}\,4\,9\,\boxed{1} \\ \hline 1\,6\,4\,3\,9 \end{array}$$

C)

$$\begin{array}{r} \boxed{2}\,5\,\boxed{9}\,0\,6\,0\,\boxed{2} \\ +\quad\quad 5\,\boxed{6}\,4\,4\,8 \\ \hline 2\,\boxed{6}\,4\,7\,\boxed{0}\,\boxed{5}\,0 \end{array}$$

D)

$$\begin{array}{r} 7\,7\,5\,7\,7\,7\,3 \\ +\quad\quad\boxed{9}\,\boxed{1}\,0\,2\,5 \\ \hline \boxed{7}\,\boxed{8}\,4\,8\,\boxed{7}\,\boxed{9}\,\boxed{8} \end{array}$$

E)

$$\begin{array}{r} 3\ 5\ 3\ 1\ 4\ 0 \\ +\quad 7\ 1\ 1\ 4\ 1 \\ \hline 4\ 2\ 4\ 2\ 8\ 1 \end{array}$$

F)

$$\begin{array}{r} 1\ 0\ 9\ 9\ 0\ 2 \\ +\quad 6\ 7\ 9\ 6 \\ \hline 1\ 1\ 6\ 6\ 9\ 8 \end{array}$$

(4) 2198145

Step 1

Number of books published in the year 1983 = 95937

Step 2

Number of books published in the year 1984 = 341108

Step 3

Number of books published in the year 1985 = 969273

Step 4

Number of books published in the year 1986 = 791827

Step 5

Total number of books published = Number of books published in the year 1983 + Number of books published in the year 1984 + Number of books published in the year 1985 + Number of books published in the year 1986 = 95937 + 341108 + 969273 + 791827

Step 6

Let us do the addition:

$$\begin{array}{r} 9\ 5\ 9\ 3\ 7 \\ +\ 3\ 4\ 1\ 1\ 0\ 8 \\ +\ 9\ 6\ 9\ 2\ 7\ 3 \\ +\ 7\ 9\ 1\ 8\ 2\ 7 \\ \hline 2\ 1\ 9\ 8\ 1\ 4\ 5 \end{array}$$

Step 7

Therefore, the total number of books published by the publisher in four years was **2198145**.

(5) 799234

Step 1

Let us add the numbers 653220 and 146014 as shown below:

$$\begin{array}{r} 6\,5\,3\,2\,2\,0 \\ +\,1\,4\,6\,0\,1\,4 \\ \hline 7\,9\,9\,2\,3\,4 \end{array}$$

Step 2

Thus, the sum of 653220 and 146014 is **799234**.

(6) 7021

(7) 958036

Step 1

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

Step 2

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
= 177925 + 522924 + 257187
= **958036**

Step 3

Hence, **958036** votes were cast altogether in the election.

(8) 398530

Step 1

The library contains books written in English as well as other languages.

Step 2

This means that the total number of books in the library = Total number of English books + Total number of books in other languages
= 83235 + 315295
= 398530

Step 3

Therefore, there are **398530** books in the library.

(9) 800218

Step 1

The library contains some books in English as well as some in other languages.

Step 2

This means that the total number of books in the library = Total number of English books + Total number of books in other languages
= 404701 + 395517
= 800218

Step 3

Therefore, there are **800218** books in the library.

(10) 9868

Step 1

In the Shanghai trade fair many people came on different days.

Step 2

The total number of people who came	=	People who came on Monday + People who came on Tuesday + People who came on Wednesday + People who came on Thursday
	=	3632 + 4001 + 1230 + 1005
	=	9868

Step 3

Therefore, the total number of people who came in the Shanghai trade fair were **9868.**

(11) 312

Step 1

There are three types of trees in Vlad's farm house.

Step 2

To find the total number of trees in Vlad's farm house, we will need to add the number of trees of each type.

Step 3

Hence, the total number of trees in Vlad's farm house
= Number of peaches trees + number of guava trees + number of orange trees
= 84 + 127 + 101
= **312**

(12) 6677

Step 1

There are three types of trees in Alexander's farm house.

Step 2

To find the total number of trees in Alexander's farm house, we must add the number of trees of each type.

Step 3

This means, the total number of trees in Alexander's farm house = Number of orange trees + Number of pineapple trees + Number of peaches trees.
= 4461 + 1116 + 1100
= 6677

Step 4

Hence, there are **6677** trees in Alexander's farm house.

(13) **A)** 95889

B) 80281

C) 969820

D) 947385

E) 103808

F) 78570

(14) 1851213 km

Step 1

Kseniya 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 = 772919 + 111531 + 159547 + 807216 = **1851213 km**.

(15) **A)** 2279331

B) 19397918

C) 570494

D) 4787905

E) 347814

F) 1295922