

Answers

- (1) A) 4866
B) 2899
C) 2494
D) 5687

(2) €426583

Step 1

Yaroslav's dad brought the house for €488977 and sold it for €62394 less than that.

Step 2

62394 less than 488977 = $488977 - 62394 = 426583$

Step 3

Hence, the house was sold for **€426583**.

(3) 5299

Step 1

Total amount earned by the shopkeeper in one year = €646075

Step 2

Amount spent by the shopkeeper over the year = €640776

Step 3

Therefore, the total amount left with the shopkeeper at the end of the year = Amount earned - Amount spent

= €646075 - €640776

= **€5299**

- (4) Year: 2003
more by : 594

Step 1

Crop yield in the year 2002 = 6481 kg

Step 2

Crop yield in the year 2003 = 7075 kg

Step 3

Since, the crop yield was higher in the year 2003.

Step 4

On calculating the difference between the crop yield of the two given years, we get $7075 - 6481 = 594$ kg

Step 5

Hence, in **2003**, the crop yield was higher by **594 kg**.

(5) A)
$$\begin{array}{r} 3 \ 0 \ 9 \ 7 \ 7 \ 4 \\ - \ 2 \ 1 \ 2 \ 3 \ 3 \ 6 \\ \hline 9 \ 7 \ 4 \ 3 \ 8 \end{array}$$

B)
$$\begin{array}{r} 2 \ 9 \ 6 \ 9 \ 4 \ 9 \\ - \quad \quad 3 \ 1 \ 5 \ 8 \\ \hline 2 \ 9 \ 3 \ 7 \ 9 \ 1 \end{array}$$

C)
$$\begin{array}{r} 8 \ 5 \ 8 \ 5 \ 2 \ 6 \ 3 \\ - \quad 4 \ 7 \ 4 \ 4 \ 0 \ 7 \\ \hline 8 \ 1 \ 1 \ 0 \ 8 \ 5 \ 6 \end{array}$$

D)
$$\begin{array}{r} 4 \ 5 \ 0 \ 4 \ 9 \ 1 \\ - \quad 3 \ 0 \ 7 \ 9 \ 3 \\ \hline 4 \ 1 \ 9 \ 6 \ 9 \ 8 \end{array}$$

$$\begin{array}{r}
 \text{E)} \quad \boxed{4} \ 6 \ 9 \ 4 \\
 - \quad 2 \ \boxed{1} \ \boxed{1} \ 1 \\
 \hline
 \quad 2 \ 5 \ 8 \ \boxed{3}
 \end{array}$$

$$\begin{array}{r}
 \text{F)} \quad \boxed{9} \ 5 \ \boxed{4} \ 3 \ \boxed{6} \ 6 \ \boxed{5} \\
 - \quad \quad 4 \ \boxed{4} \ 8 \ \boxed{0} \ 7 \\
 \hline
 \quad 9 \ \boxed{4} \ 9 \ 8 \ 8 \ 5 \ 8
 \end{array}$$

(6) A) 4640

Step 1

Here, we have to subtract 214 from 4854.

For this we will place the numbers column wise and subtract the digits at each place.

Step 2

Let us now subtract the numbers 214 and 4854 as below:

$$\begin{array}{r}
 4854 \\
 - \ 214 \\
 \hline
 4640
 \end{array}$$

Step 3

Thus, $4854 - 214 = 4640$.

B) 2400

Step 1

Here, we have to subtract 5237 from 7637.

For this we will place the numbers column wise and subtract the digits at each place.

Step 2

Let us now subtract the numbers 5237 and 7637 as below:

$$\begin{array}{r}
 7637 \\
 - \ 5237 \\
 \hline
 2400
 \end{array}$$

Step 3

Thus, $7637 - 5237 = 2400$.

C) 8105

Step 1

Here, we have to subtract 52 from 8157.

For this we will place the numbers column wise and subtract the digits at each place.

Step 2

Let us now subtract the numbers 52 and 8157 as below:

$$\begin{array}{r} 8157 \\ - 52 \\ \hline 8105 \\ \hline \end{array}$$

Step 3

Thus, $8157 - 52 = \mathbf{8105}$.

D) 2031

Step 1

Here, we have to subtract 3328 from 5359.

For this we will place the numbers column wise and subtract the digits at each place.

Step 2

Let us now subtract the numbers 3328 and 5359 as below:

$$\begin{array}{r} 5359 \\ - 3328 \\ \hline 2031 \\ \hline \end{array}$$

Step 3

Thus, $5359 - 3328 = \mathbf{2031}$.

(7) 3223

Step 1

Total population of the town = 6229

Step 2

Number of adults in the town = 3006

Step 3

$$\begin{aligned} \text{Number of children in the town} &= \text{Total population of the town} - \text{Number of adults in the town} \\ &= 6229 - 3006 \\ &= 3223 \end{aligned}$$

Step 4

Therefore, the number of children in the town is **3223**.

(8) 1

Step 1

The smallest 5 digit number is 10000, because if you subtract one from 10000, it will become 9999, which is not a 5 digit number.

Step 2

The largest 4 digit number is 9999, because if you add one to 9999, it will become 10000, which is not a 4 digit number.

Step 3

Hence, the difference between the two numbers is $10000 - 9999$
 $= 1$

- (9) **A)** 735844
B) 669854
C) 497979
D) 561814

(10) d. 2371100

Step 1

We have been asked to find the number which is 700000 less than 3071100.

Step 2

Such a number can be found by subtracting 700000 from 3071100:

$$3071100 - 700000 = 2371100$$

Step 3

Therefore, 700000 less than 3071100 is **2371100**.

(11) c. 807052

Step 1

Difference between two numbers = 399311

The larger number between the two = 1206363

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, $1206363 - \text{subtrahend} = 399311$

The value of subtrahend can be derived from the expression.

$$\text{subtrahend} = 1206363 - 399311$$

Step 3

So, subtrahend = 807052

Hence, the correct answer is **807052**.

(12) 9901

Step 1

The smallest 5 digit number = 10000

Step 2

The largest 2 digit number = 99

Step 3

Difference between them = The smallest 5 digit number - The largest 2 digit number

$$= 10000 - 99$$

$$= 9901$$

Step 4

Therefore, the difference between the smallest 5 digit number and the largest 2 digit number is **9901**.

(13) 99001

Step 1

The smallest 6 digit number = 100000

Step 2

The largest 3 digit number = 999

Step 3

Difference between them = The smallest 6 digit number - The largest 3 digit number
= 100000 - 999
= 99001

Step 4

Therefore, the difference between the smallest 6 digit number and the largest 3 digit number is **99001**.

(14) five million seven hundred ninety-four thousand three hundred six

Step 1

Let us first convert the given number names to numbers:

Six million five hundred twenty-three thousand nine hundred seven = 6523907

Seven hundred twenty-nine thousand six hundred one = 729601

Step 2

We now subtract the obtained numbers to find the answer:

$6523907 - 729601 = 5794306$

Step 3

Writing the obtained answer in its number name: **five million seven hundred ninety-four thousand three**

(15) 9989

Step 1

The largest 4 digit number = 9999

Step 2

The smallest 2 digit number = 10

Step 3

Difference between them = The largest 4 digit number - The smallest 2 digit number

$$= 9999 - 10$$

$$= 9989$$

Step 4

Therefore, the difference between the largest 4 digit number and the smallest 2 digit number is

9989.