

Sub:Maths class-6 Topic- Subtraction of Whole numbers .

Do all questions of Ex-2.3 ,one of each type is done for you.

EXERCISE 2.3

Use Cordova Smart Class Software on the smart board in class to do Exercise.

1. Subtract and check the result by corresponding addition.

$$\begin{array}{r} (i) \quad 3999 \\ - 2678 \\ \hline \end{array}$$

$$\begin{array}{r} (ii) \quad 85659 \\ - 38926 \\ \hline \end{array}$$

$$\begin{array}{r} (iii) \quad 745652 \\ - 482310 \\ \hline \end{array}$$

2. What must be added to 8476251 to get the sum as greatest number of seven digits?
3. What is the difference between the largest number of four digits and the smallest number of six digits?
4. Fill in the boxes by using correct digits.

$$\begin{array}{r} (i) \quad 76 \square 7574 \\ - 89 \square 99 \square \\ \hline \square 803 \square 75 \end{array}$$

$$\begin{array}{r} (ii) \quad 5000106 \\ - \square \square 6798 \\ \hline 402 \square \square \square \end{array}$$

5. The digits 4 and 7 of the number 543728 are interchanged. Find the difference between the new number so formed and the original number.
6. The population of a town is 60,000. The number of men is 32,457 and that of women is 13,296. Determine the number of children.
7. What must be added to the least number formed by the digits 0,1,3,5,7 each only once to get the sum as the greatest number formed by the digits 0,2,4,6,8 each only once?
8. Sahil deposited ₹ 3,75,000 in his bank account. Later, he withdrew ₹ 49,265. How much money was left in his account?

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(Exercise 2.3) ch-2

(Properties of Subtraction)

1. Subtract and check the result by corresponding addition :-

$$\begin{array}{r} \text{(i)} \quad 3999 \\ - 2678 \\ \hline 1321 \end{array} \quad \text{check:} \quad \begin{array}{r} 1321 \\ + 2678 \\ \hline 3999 \end{array}$$

4. Fill in the boxes by using correct digits :-

$$\begin{array}{r} \text{(i)} \quad 76 \square 7574 - \text{I Row} \\ - 89 \square 99 \square - \text{II Row} \\ \hline \square 803 \square 75 \end{array}$$

Solution: Since $9+0=9$, the ten thousands digit in I row

$$\begin{array}{r} 76 \square 7574 \\ - 89 \square 99 \square \\ \hline \square 803 \square 75 \end{array}$$

Unit digit in II row is 9
 $14-5=9$

$$\begin{array}{r} 76 \square 7574 \\ - 89 \square 99 \square \\ \hline \square 803 \square 75 \end{array}$$

Since $1574 - 999 = 575$.

Teacher's Signature

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Therefore

$$\begin{array}{r} 76 \square 7574 \\ - 89 \square 99 \square \\ \hline \square 803 \square 75 \end{array}$$

The difference of 7574 and 3575 will give the digit at thousands place in II row.

$$\begin{array}{r} 7574 \\ - 3575 \\ \hline 3999 \end{array}$$

$$\begin{array}{r} 76 \square 7574 \\ - 89 \square 99 \square \\ \hline \square 803 \square 75 \end{array}$$

$$\begin{array}{r} \text{The difference of } 7697574 \\ - 893999 \\ \hline 6803575 \end{array}$$

Hence,

$$\begin{array}{r} 76 \square 7574 \\ - 89 \square 99 \square \\ \hline 16 \square 803 \square 75 \end{array}$$

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Ans-6 Total population of the

Town = 60,000.

number of men = 32,457.

number of women = 13,296.

number of children

$$= (\text{Total population}) \\ - (\text{pop. of men} \\ + \text{pop. of women})$$

$$= 60,000 - (32,457 + 13,296)$$

$$\begin{array}{r} 32,457 \\ + 13,296 \\ \hline 45,753 \end{array} \text{ pop. of men \& women}$$

$$\begin{array}{r} \text{pop. of children} = 60,000 \\ - 45,753 \\ \hline 14,247 \end{array}$$