

Girls' High School And College, Prayagraj

Worksheet no. 7

Session 2020 - 2021

Class 4A - F

Subject -Maths

Chapter - Subtraction

INSTRUCTIONS FOR THE PARENTS :-

Parents are expected to ensure that the child understands, learns and is able to do the exercises followed by the explanation. Parents should also see to it that the child keeps on revising the previous topics.

*Subtraction means taking away some number or an object from a group.

*Subtraction is taking away a smaller number from a bigger number.

PROPERTIES OF SUBTRACTION :-

- 1) The answer of subtraction is called difference.
- 2) The number from which we subtract is called minuend.
- 3) The number that we subtract is called subtrahend.

For example :-

$$\begin{array}{r} 468 \text{ -----> minuend} \\ -258 \text{ -----> subtrahend} \\ \hline 210 \text{ -----> difference} \\ \hline \end{array}$$

- 4) Any number - 0 =same number
- 5) Any number - 1 = it's predecessor
- 6) Any number - same number = 0

*Now let us learn how to subtract a smaller number from a bigger number.

STEPS IN SUBTRACTION :-

- * We arrange the digits in columns of ten thousands, thousands, hundreds, tens and ones.
- * Bigger number must always be on the top. Smaller number is written below it.
- * We write zero for a vacant place.
- * Now we subtract numbers in each column separately.

Example 1:-

Subtract 3,77,542 from 7,87,658

Solution :-

	L.	TTh	Th		H	T	O
		7	8	7	6	5	8
-	3	7	7	5	4	2	
<hr/>							
	4	1	0	1	1	6	
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Example :- 2

Subtract 17,705 from 78,172

TTh	Th	H	T	O
7	8	1	7	2
1	7	7	0	5
<hr/>				
6	0	4	6	7
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CHECKING SUBTRACTION BY ADDITION

* To check if we have subtracted correctly or not we can use addition. We first add the subtrahend and the difference, if the answer is minuend then the subtraction is correct, otherwise not. The following example will make things clear. -

Example :- 1

Check the answer of the following

a)

8	8	6	4	7	
-	5	0	7	9	4
<hr/>					
	3	7	8	4	3
<hr/>					

Solution :- We add last two numbers. If we get their sum as the first number, our answer is correct, otherwise wrong.

5	0	7	9	4	
+	3	7	8	4	3
<hr/>					
	8	8	6	3	7
<hr/>					

Here the answer is different from the minuend. So it is incorrect.

Now let us see one more example. -

$$\begin{array}{r}
 158578 \\
 - 126284 \\
 \hline
 032294 \\
 \hline
 \end{array}$$

Solution :- We add last two numbers. If we get the sum as the first number , our answer is correct otherwise wrong.

$$\begin{array}{r}
 126284 \\
 + 032294 \\
 \hline
 158578 \\
 \hline
 \end{array}$$

The answer is same as the minuend, so it is correct.

EXERCISE :- 1

FILL IN THE BLANKS -

- 1) $62552 - 0 = \underline{\hspace{2cm}}$.
- 2) $9690 - \underline{\hspace{2cm}} = 9690$.
- 3) $\underline{\hspace{2cm}} - 3274 = 0$.
- 4) $52,842 - 52,842 = \underline{\hspace{2cm}}$.
- 5) $8,61,178 - 1 = \underline{\hspace{2cm}}$.
- 6) $4,77,246 - \underline{\hspace{2cm}} = 4,77,245$.
- 7) $\underline{\hspace{2cm}} - 1,12,589 = 0$.
- 8) $51,776 - 1 = \underline{\hspace{2cm}}$.
- 9) $17,746 - 17,746 = \underline{\hspace{2cm}}$.
- 10) $\underline{\hspace{2cm}} - 1 = 4,56,734$.

Q:-2. Find the difference -

$$\begin{array}{r}
 1) \quad \begin{array}{r} 6135 \\ -1347 \end{array} \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 2) \quad \begin{array}{r} 5298 \\ -2412 \end{array} \\
 \hline
 \hline
 \end{array}$$

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

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

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

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

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

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

Q :- 3. Subtract the following :-

a) $78,467 - 26,742$

b) $6,95,278. - 3,67,289$

c) $92,474. - 76,547$

Q :- 4) Find the difference between -

a) $82,474$ and $95,476$

b) $5,78,864$ and $7,92,747$

c) $8,092$ and $5,174$

Q :- 5 Arrange and subtract the smaller number from the bigger number :-

- a) 99,525. ; 62,727
 b) 1 2,275. ; 8,57,162
 c) 74,745. ; 84,977

Q :- 6 Check the following subtraction by addition. Show all the necessary steps and working :-

a)
$$\begin{array}{r} 99477 \\ -45282 \\ \hline 54155 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 285269 \\ -257782 \\ \hline 027487 \\ \hline \end{array}$$

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