

**SESSION : 4**  
**CLASS : 3**  
**SUBJECT : MATHEMATICS**  
**CHAPTER NUMBER: 4**  
**CHAPTER NAME : SUBTRACTION**  
**SUBTOPIC : WORD PROBLEMS**

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**CHANGING YOUR TOMORROW**

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## **LEARNING OBJECTIVE :**

**Children will :**

- \* Focus on translating from the word problem to a number sentence**
- \* Learn to use the meaning of subtraction to do the operation appropriately**
- \* Use mathematical knowledge and skills to solve problems, communicate, and make decisions in everyday life**
- \* Develop and apply number sense to solve a variety of real life problems and to determine if the results are reasonable**

# **SUBTRACTION**

## **WORD PROBLEMS**

### **Explanation:**

**First read the sum properly and try to understand what is asked to do. There are some special words that are associated with subtraction, the words are -**

- \* left**
- \* remained**
- \* take away**
- \* how many more**
- \* less than**
- \* fewer than**

# **SUBTRACTION**

## **WORD PROBLEMS**

### **Explanation:**

**Then read the first sentence and try to frame first statement. Similar, way the second and subtract to find the difference. After completion write the final statement that gives the answer to the story sum. After completion use the Therefore sign (  $\therefore$  ) and write the statement that gives the answer to the end question of the story sum.**

# SUBTRACTION

## WORD PROBLEMS

### Explanation:



Then read the 1<sup>st</sup> sentence and try to frame the 1<sup>st</sup> statement. Similar way the 2<sup>nd</sup> and then subtract to find the difference.

# SUBTRACTION

## WORD PROBLEMS

To solve story sums , following points are to be kept in mind :

Read

Find

Decide

Solve

Check

# SUBTRACTION

## WORD PROBLEMS

### MAGIC WORDS

### For Subtraction

Difference

Fewer

How many more

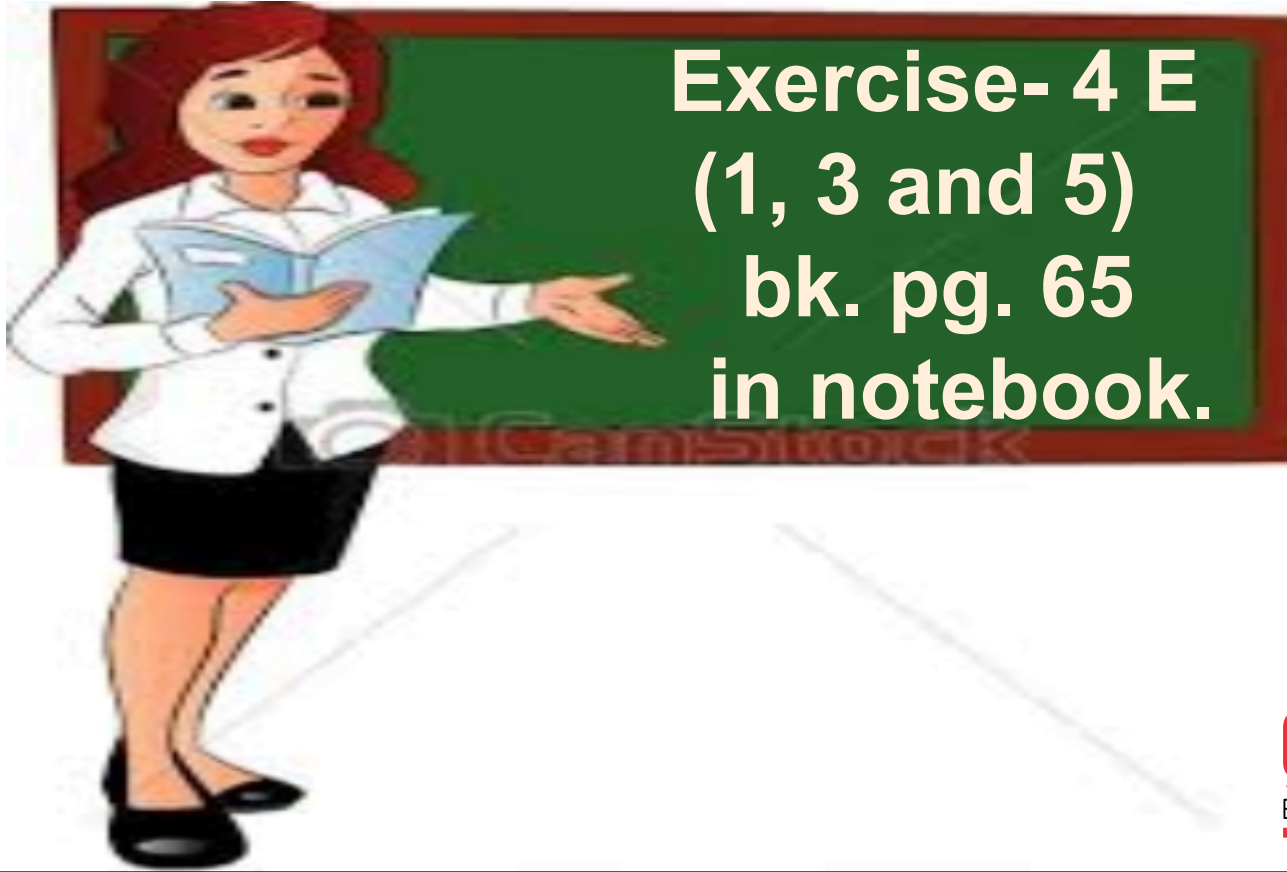
Left

Less

Remains

Subtract

**SUBTRACTION**  
**WORD PROBLEMS**





# SUBTRACTION OF 4-DIGIT NUMBERS

## WORD PROBLEMS

*M*  
*A*  
*T*  
*H*  
*S*

**Q 1) 4300 cookies were purchased for distribution on children's day. If 3886 cookies were distributed, how many cookies were left?**

# SUBTRACTION

## WORD PROBLEMS

M  
A  
T  
H  
S

Ans) Number of cookies purchased =  $\begin{array}{r} 3 \quad 12 \quad 10 \quad 10 \\ \cancel{4} \quad \cancel{3} \quad \cancel{0} \quad \cancel{0} \end{array}$

Number of cookies distributed =  $- \begin{array}{r} 3 \quad 8 \quad 8 \quad 6 \end{array}$

Number of cookies left =  $\begin{array}{r} \hline 0 \quad 4 \quad 1 \quad 4 \end{array}$

∴ 414 cookies were left.

# SUBTRACTION OF 4-DIGIT NUMBERS

## WORD PROBLEMS

*M*  
*A*  
*T*  
*H*  
*S*

**Q 3) John had 3215 marbles. He lost 1072 marbles.  
How many marbles are left with him?**

# SUBTRACTION

## WORD PROBLEMS

M  
A  
T  
H  
S

$$\begin{array}{r} \text{Ans) Number of marbles John had} = 3 \overset{1}{\cancel{2}} \overset{11}{\cancel{4}} 5 \\ \text{Number of marbles John lost} = - 1072 \\ \hline \text{Number of marbles left} = 2143 \end{array}$$

∴ 2143 marbles were left with John.

# SUBTRACTION OF 4-DIGIT NUMBERS

## WORD PROBLEMS

*M*  
*A*  
*T*  
*H*  
*S*

**Q 5) The population of a village is 8623. If 5162 are male members, find the number of females in the village?**

# SUBTRACTION

## WORD PROBLEMS

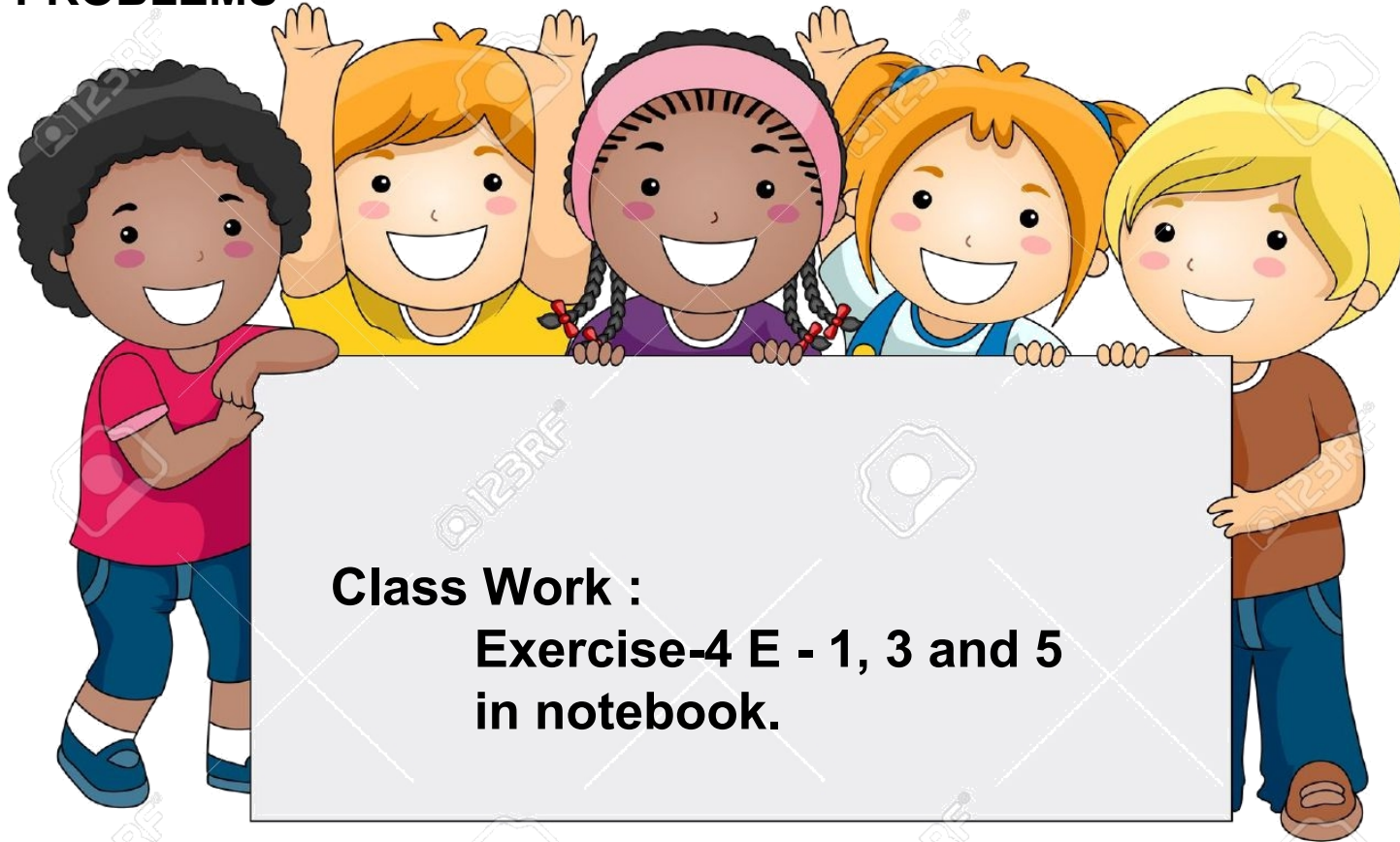
M  
A  
T  
H  
S

$$\begin{array}{r} \text{Ans) Total population of the village} = 8 \overset{5}{\cancel{6}} \overset{12}{\cancel{2}} 3 \\ \text{Number of males} = - 5162 \\ \hline \text{Number of females} = 3461 \end{array}$$

∴ 3461 females were there in the village .

# **SUBTRACTION**

## **WORD PROBLEMS**



**Class Work :**  
**Exercise-4 E - 1, 3 and 5**  
**in notebook.**

## **LEARNING OUTCOME:**

**Children are confident to focus on translating from the word problem to a number sentence, learn to use the meaning of subtraction to do the operation appropriately, use mathematical knowledge and skills to solve problems, communicate, and make decisions in everyday life and develop, also apply number sense to solve a variety of real life problems and to determine if the results are reasonable.**





**THANKING YOU**  
**ODM EDUCATIONAL**  
**GROUP**