

**SESSION : 5**  
**CLASS : 3**  
**SUBJECT : MATHEMATICS**  
**CHAPTER NUMBER: 4**  
**CHAPTER NAME : SUBTRACTION**  
**SUBTOPIC : WORD PROBLEMS**

---

**CHANGING YOUR TOMORROW**

---

## **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

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

Read

Find

Decide

Solve

Check

# SUBTRACTION

## WORD PROBLEMS

**Read**

**1. Begin by reading the problem carefully. Don't jump to any conclusions about the answer until you understand the problem.**

# SUBTRACTION

## WORD PROBLEMS

**Find**

**2. Find the information given in the word problem and mark to figure it out. Figure out exactly what the problem is asking for. If an important fact isn't there, you can often convert some piece of the given information.**

# SUBTRACTION

## WORD PROBLEMS

**Decide**

**3. Now decide which operation to do. As it is subtraction word problem we have to decide which number is bigger and write first as we know only we can subtract a smaller number from a bigger number.**

# **SUBTRACTION**

## **WORD PROBLEMS**

**Solve**

**4. Next solve the sum according to the operation decided. Follow the steps to solve subtraction sum.**

# SUBTRACTION

## WORD PROBLEMS

Check

**5. Solve the sum and check your answer.  
After you have an answer, be sure to test it.  
Verify whether you made a mistake.**



# SUBTRACTION

## WORD PROBLEMS

Thus, in a subtraction word problem, students will have to read the story sum, find the information given, decide what to do, solve for the answer and at the end check whether it is correct. Do not forget to write the  $\therefore$  sentence.

# SUBTRACTION

## WORD PROBLEMS

### MAGIC WORDS

Now quickly let us recall the words which make you understand that you need to do subtraction:



\* left over

\* remained

\* take away

\* how many more

\* fewer than

\* difference

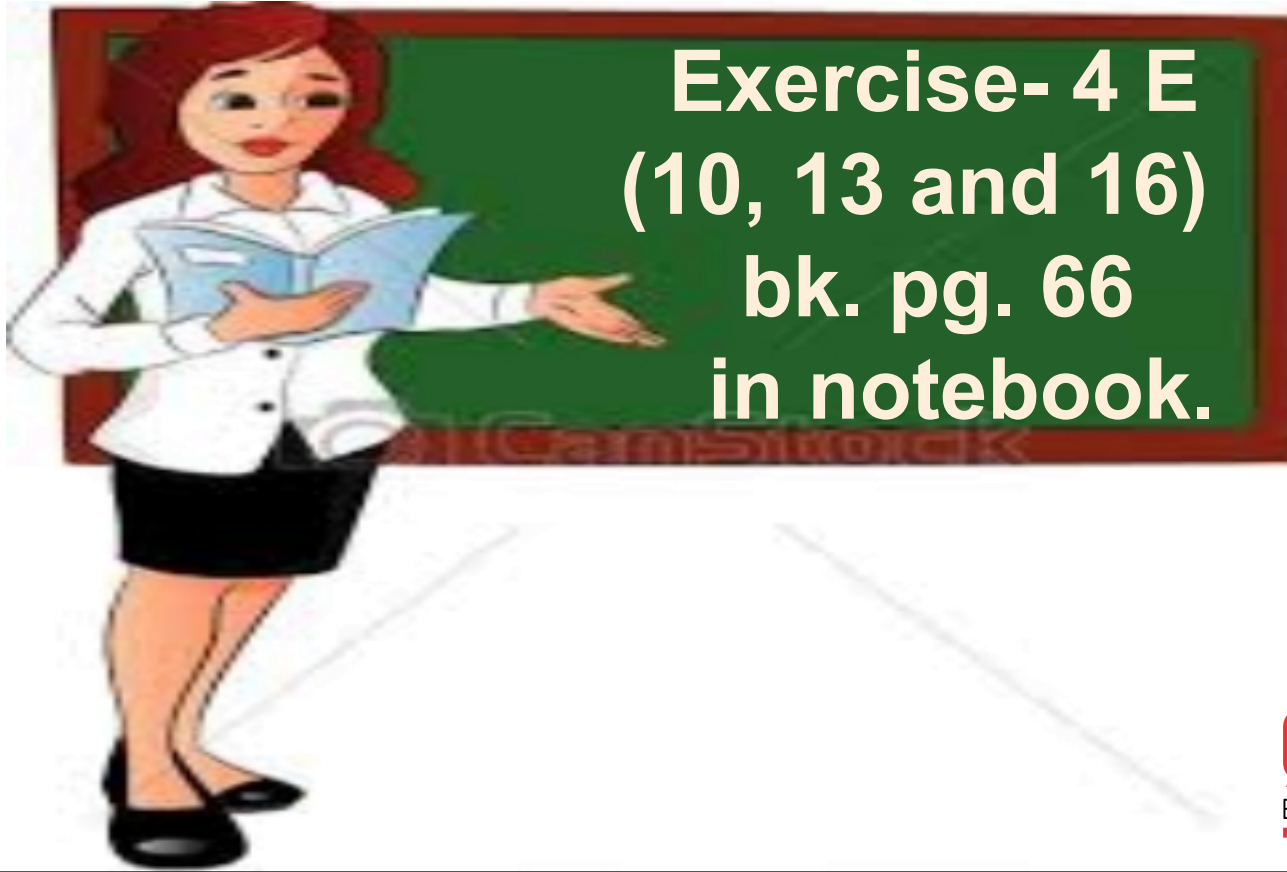
\* less than

\* decreased by

\* minus

\* smaller than

**SUBTRACTION**  
**WORD PROBLEMS**



# SUBTRACTION

## WORD PROBLEMS

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

**Q 10) The total population of a village is 8735. Of this, 6123 are below the age of 60. How many villagers are above 60 years of age?**

## SUBTRACTION OF 4-DIGIT NUMBERS

### ➤ Story Sums

Ans) The sum of 3079 and 4732 =

$$\begin{array}{r} 3079 \\ + 4732 \\ \hline \end{array}$$

Total =

$$\begin{array}{r} 6 \quad 17 \quad 10 \quad 11 \\ \cancel{7} \quad \cancel{8} \quad \cancel{1} \quad \cancel{1} \\ - 1968 \\ \hline 5843 \end{array}$$

Subtract 1968

∴ The answer is 5843.

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

# SUBTRACTION

## WORD PROBLEMS

M  
A  
T  
H  
S

Ans) Total population of the village = 8 7 3 5

Villagers below age of 60 = - 6 1 2 3

Villagers above 60 years of age = 2 6 1 2

∴ 2612 Villagers are above 60 years of age.

# SUBTRACTION

## WORD PROBLEMS

M  
A  
T  
H  
S

**Q 13) Sagar got ₹ 850 from his mother. He purchased a wallet worth ₹ 500. How much money does he have now?**

# SUBTRACTION

## WORD PROBLEMS

M  
A  
T  
H  
S

Ans) Amount of money with Sagar = ₹ 8 5 0

Cost of wallet = - ₹ 5 0 0

Amount of money left = ₹ 3 5 0

∴ ₹ 350 was left with Sagar.



# SUBTRACTION

## WORD PROBLEMS

M  
A  
T  
H  
S

**Q 16) Reshu was born in 1992. How old is Reshu?**

# SUBTRACTION

## WORD PROBLEMS

Ans) Present year

The year Reshu was born

Difference in years

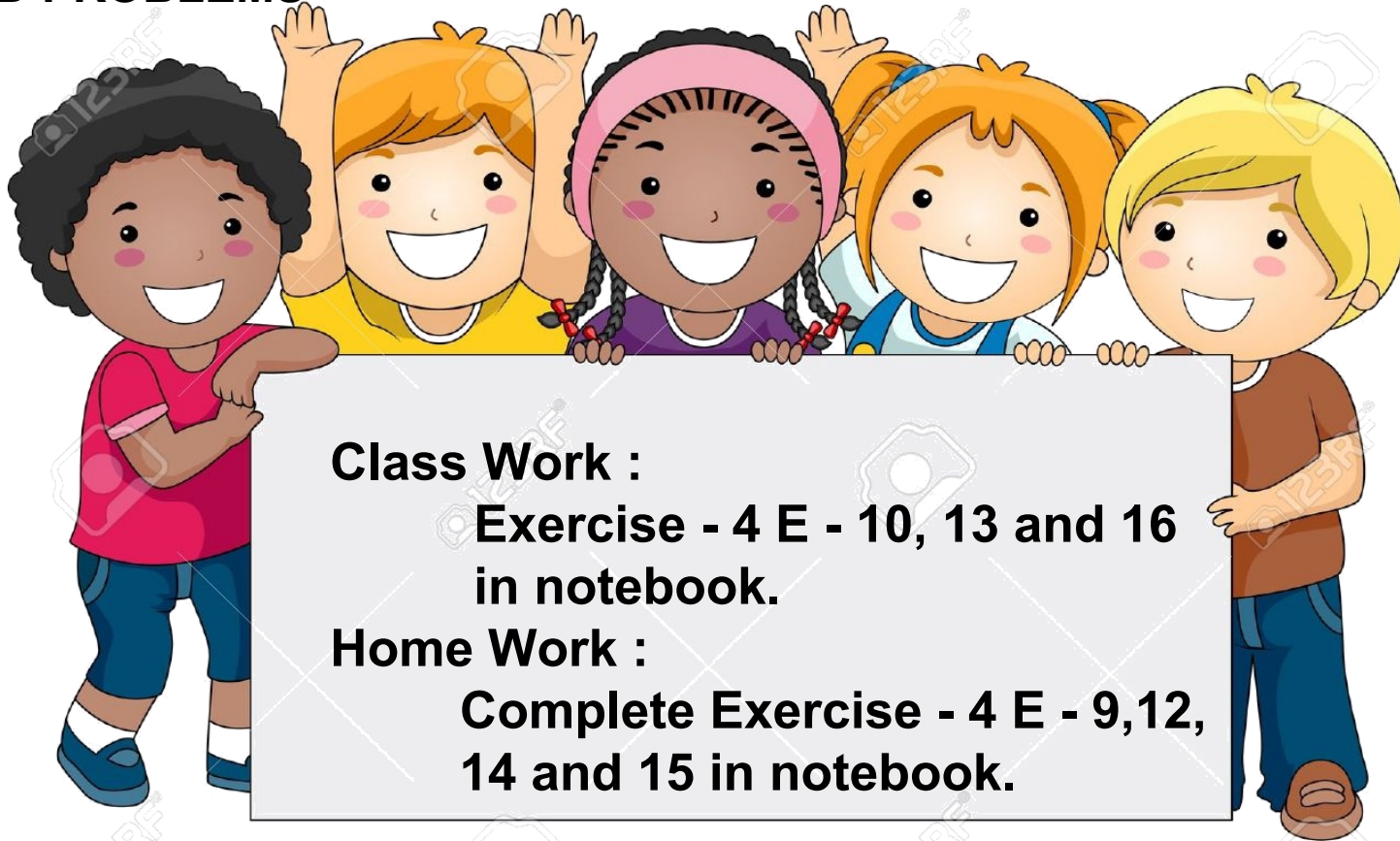
$$\begin{array}{r}
 9 \\
 1 \quad \cancel{10} \quad 11 \quad 11 \\
 \cancel{2} \quad \cancel{0} \quad \cancel{2} \quad \cancel{1} \\
 = - \quad 1 \quad 9 \quad 9 \quad 2 \\
 \hline
 = \quad 0 \quad 0 \quad 2 \quad 9
 \end{array}$$

∴ Reshu was 29 years old.

M  
A  
T  
H  
S

# **SUBTRACTION**

## **WORD PROBLEMS**



**Class Work :**

**Exercise - 4 E - 10, 13 and 16  
in notebook.**

**Home Work :**

**Complete Exercise - 4 E - 9,12,  
14 and 15 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**