

**SESSION : 1**

**CLASS : 3**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 5**

**CHAPTER NAME : MULTIPLICATION**

**SUBTOPIC : WORD PROBLEM**

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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 multiplication 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.

# MULTIPLICATION

## WORD PROBLEM

TO SOLVE STORY SUMS, SOME POINTS ARE TO BE KEPT IN MIND,  
REARRANGE AND SAY:

KCECH

ADER

VSOEL

ECIDED

IFDN

CHECK

READ

SOLVE

DECIDE

FIND

READ

FIND

DECIDE

SOLVE

CHECK

M  
A  
T  
H  
S

# MULTIPLICATION

## WORD PROBLEM

### Explanation:

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

\* multiplied by

\* of

\* per

\* product of

\* rate

\* times

\* triple

\* twice

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

# MULTIPLICATION

## WORD PROBLEM

M  
A  
T  
H  
S



**Explanation:**

**First read and find out which is MULTIPLIER and which is MULTIPLICAND, then try to frame the 1st statement followed by the 2nd. Multiply and write the product. After completion write the final statement that gives the answer to the story sum. Use Therefore sign (  $\therefore$  ) to write the answer statement.**

# MULTIPLICATION WORD PROBLEM



*MATHS*

# MULTIPLICATION

## WORD PROBLEM

**Exercise-5 D - 8, 9 and 10  
bk. pg. 79  
in notebook.**



*MATHS*

# MULTIPLICATION

## WORD PROBLEM

### WORD PROBLEMS

8) A year has 365 days.

- i) How many days are there in 16 years?
- ii) How many hours are there in a year?



# MULTIPLICATION

## WORD PROBLEM

**ANSWER**

i) Days in a year = 365

Number of years = 16

Total number of days =  $365 \times 16 = 5840$  days

$$\begin{array}{r} 365 \\ \times 16 \\ \hline 2190 \\ + 3650 \\ \hline 5840 \end{array}$$

∴ There are 5840 days in 16 years .

**MULTIPLICATION**  
**WORD PROBLEM**

**ANSWER**

ii) Days in a year = 365

Number of hours in a day = 24

Total number of hours =  $365 \times 24 = 8760$  hours

$$\begin{array}{r} 12 \\ 365 \\ \times 24 \\ \hline 1460 \\ + 7300 \\ \hline 8760 \end{array}$$

∴ There are 8760 hours in 365 days.

## **MULTIPLICATION**

### **WORD PROBLEM**

**9) In a school, there are 8314 students. If each child is given 4 library books to read, how many books were distributed among the students?**

**MULTIPLICATION**  
**WORD PROBLEM**

**ANSWER**

**Number of students in a school = 8 3 1 4**

**Number of books given to each child = 4**

**Number of books distributed = 8 3 1 4 x 4**  
**= 33256 books**

$$\begin{array}{r} 1 \quad 1 \\ 8 \quad 3 \quad 1 \quad 4 \\ \times \quad 4 \\ \hline 3 \quad 3 \quad 2 \quad 5 \quad 6 \end{array}$$

**∴ 33256 books were distributed among the students.**

## **MULTIPLICATION**

### **WORD PROBLEM**

**10) 15 pencils are to be distributed per students in a school. If there are 389 students in the school, how many pencils are required in all?**

**MULTIPLICATION**  
**WORD PROBLEM**

**ANSWER**

Number of students in a school = 3 8 9

Number of pencils given to each student = 15

Total number of pencils required = 3 8 9 x 15

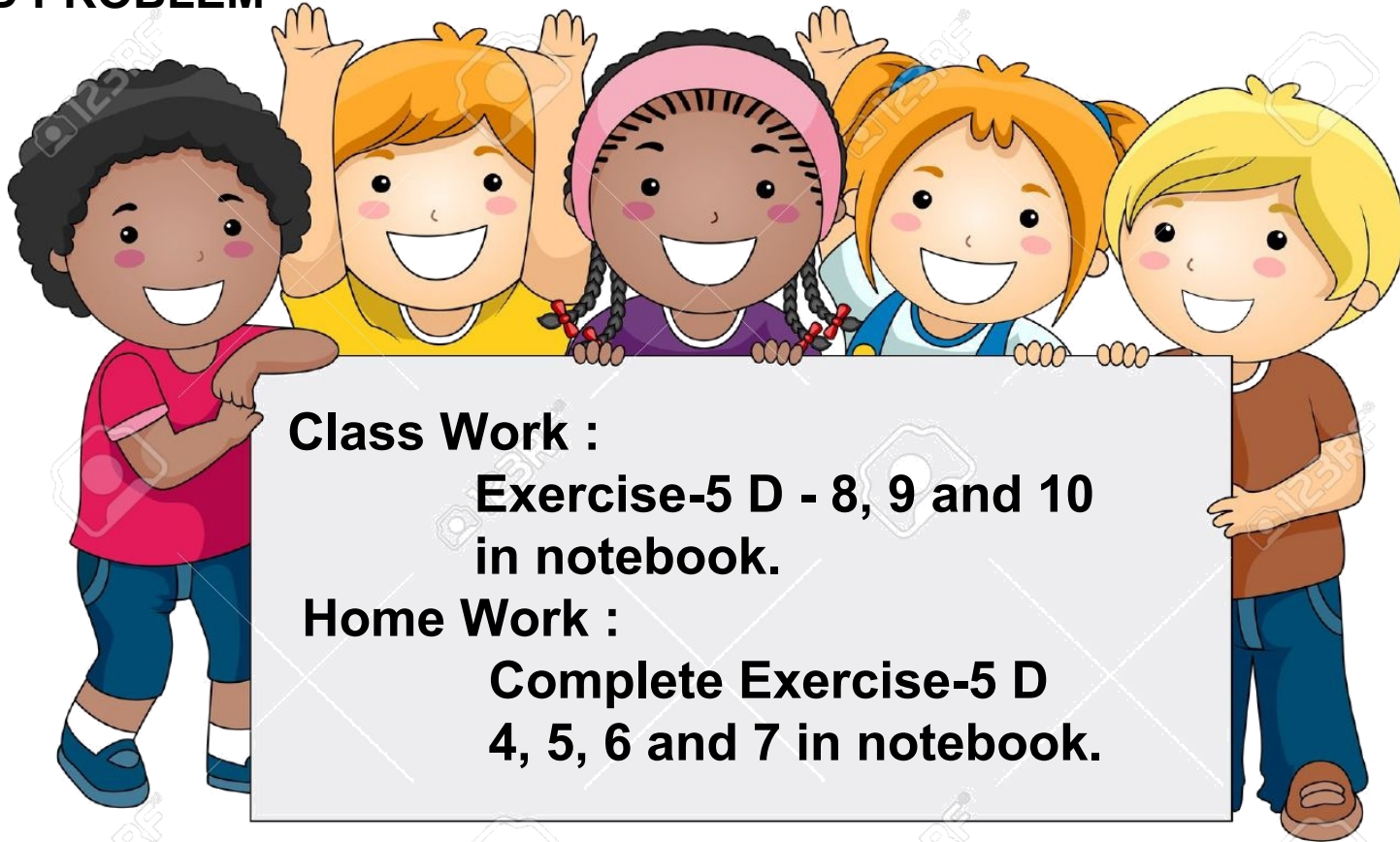
= 5835 pencils

$$\begin{array}{r} 44 \\ 389 \\ \times 15 \\ \hline 1945 \\ + 3890 \\ \hline 5835 \end{array}$$

∴ There are 5835 pencils required in all .

# MULTIPLICATION

## WORD PROBLEM



## **LEARNING OUTCOME:**

**Children are confident to focus on translating from the word problem to a number sentence, learn to use the meaning of multiplication 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**