

**SESSION : 13**

**CLASS : 3**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 6**

**CHAPTER NAME : DIVISION**

**SUBTOPIC : DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)**

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**CHANGING YOUR TOMORROW**

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## **LEARNING OBJECTIVE :**

**Children will learn to :**

- \* Read the story sum and understand the language.**
- \* Solve division word problems.**
- \* Focus on translating from the word problem to a number sentence.**
- \* Learn to use the key words to do the operation appropriately.**
- \* Use mathematical knowledge and skills to solve problems, communicate, and make decisions in everyday life.**

# DIVISION

## DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)



**A word problem is a few sentences describing a 'real-life' scenario where a problem needs to be solved by way of a mathematical calculation.**

# DIVISION

## DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

FIND

READ

DECIDE

CHECK

SOLVE

# DIVISION

## DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

### Steps to solve story sums

1) Answer the question that is being asked.

2) Understand what's being divided.

DIVIDEND

3) Understand how the dividend will be divided.

DIVISOR



#159685044

M  
A  
T  
H  
S

# DIVISION

## DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

KEY WORDS

QUOTIENT

DIVIDED BY

PER

CUT

EVENLY

EVERY

OUT OF

SPLIT

EACH

EQUAL PARTS

M  
A  
T  
H  
S

# DIVISION

## DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

**Exercise-6 B**  
**Q. No B - 2, 3 and 4**  
**bk. pg. 87,88**  
**in notebook.**



## DIVISION

### DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Q2) How many 20- rupees notes Rahim can get for ₹ 8160 ?

ANS: Amount with Rahim = ₹ 8160

Cost of the notes = ₹ 20

$$\begin{array}{r} 408 \rightarrow Q \\ \underline{20 \overline{) 8160}} \\ \underline{80} \phantom{0} \\ 160 \\ \underline{160} \\ 0 \rightarrow R \end{array}$$

∴ Number of 20- rupees notes for ₹ 8160 =

$$₹ 8160 \div 20 = 408 \text{ notes}$$



# DIVISION

## DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Q3) How many hours are there in 4800 minutes ?

ANS: Total minutes = 4800

Minutes in an hour = 60

∴ Number of hours in 4800 minutes =

$$4800 \div 60 = 80 \text{ hours}$$

$$\begin{array}{r} \phantom{60} \overline{) 4800} \phantom{0} \rightarrow Q \\ \underline{4800} \phantom{0} \phantom{0} \\ \phantom{00} 00 \\ \underline{\phantom{00} 00} \\ \phantom{000} 0 \phantom{0} \rightarrow R \end{array}$$

## DIVISION

### DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

**Q4) The product of two numbers is 1425. If one number is 25, what is the other number?**

**ANS:**

**The product of two numbers = 1425**

**One number = 25**

**∴ The other number is =**

$$1425 \div 25 = 57$$

$$\begin{array}{r} \phantom{25} \overline{) 1425} \phantom{0} \rightarrow Q \\ \underline{125} \phantom{0} \\ 175 \\ \underline{175} \\ 0 \phantom{0} \rightarrow R \end{array}$$

**DIVISION**

**DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)**

# VIDEO

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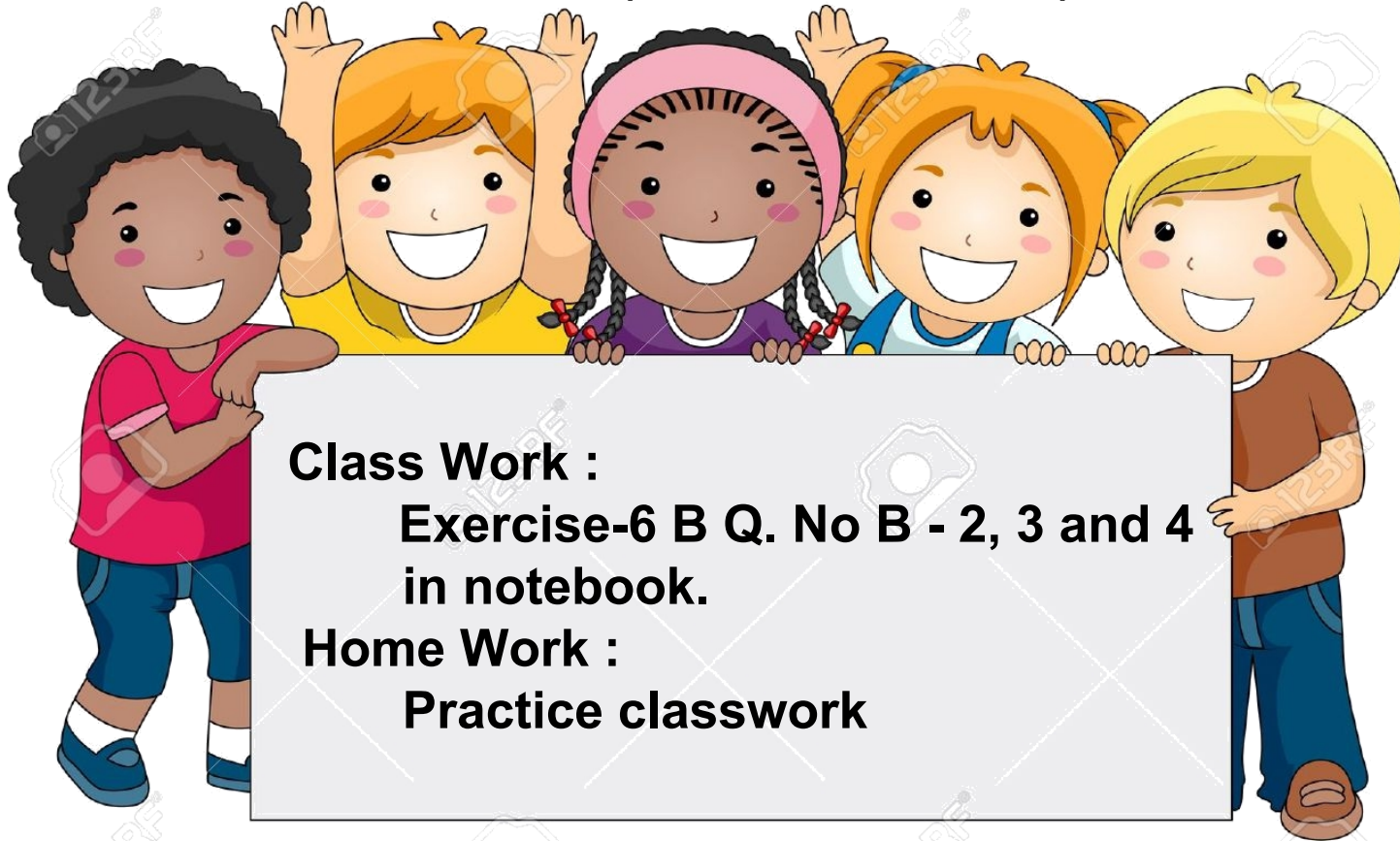
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*MATHS*

# **DIVISION**

## **DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)**



**Class Work :**

**Exercise-6 B Q. No B - 2, 3 and 4  
in notebook.**

**Home Work :**

**Practice classwork**

## **LEARNING OUTCOME:**

**Children are able to read the story sum and understand the language and also be able to solve division word problems.**



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