

SESSION : 14

CLASS : 3

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : DIVISION

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

CHANGING YOUR TOMORROW

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 mathematical exercise where significant background information on the problem is presented in ordinary language rather than in mathematical notation. As most word problems involve a narrative of some sort, they are sometimes referred to as story problems and may vary in the amount of technical language used.

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

To solve Division word problems , following points are to be kept in mind :

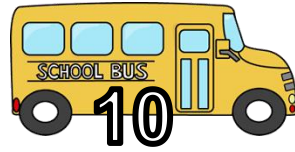
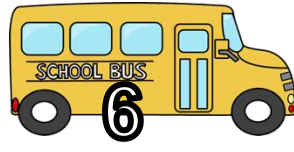
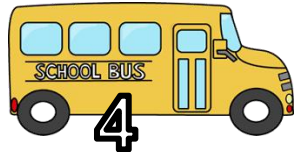
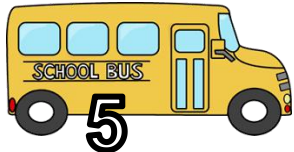
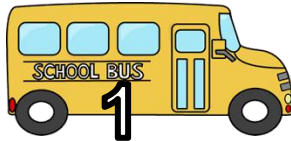
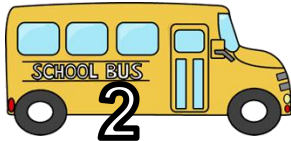
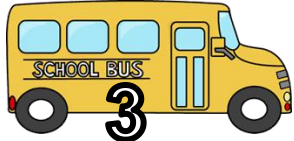
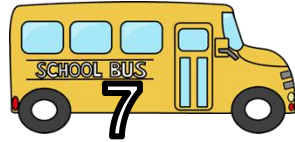
- **Read** the story sums carefully and understand the given information.
- **Find** the fact or the important information.
- **Decide** what to do.
- **Solve** the story sum.
- **Check** your answer.

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)



315 third graders are going for picnic. If the school allots 15 buses, how many students will ride on each bus?



DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Steps 1

1) Answer the question that is being asked.

*How many
students
will ride on
each bus?*

*????
students
will ride on
each bus.*

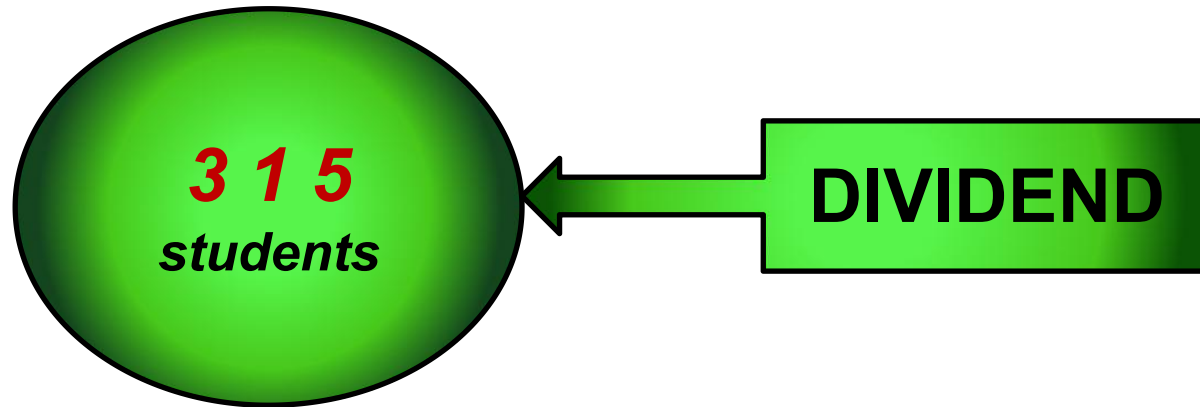


DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Steps 2

2) Understand what's being divided.



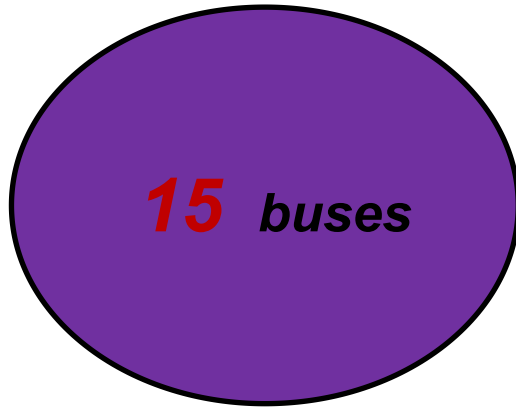
M
A
T
H
S

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Steps 3

3) Understand how the dividend will be divided.



DIVISOR



M
A
T
H
S

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Steps 3

4) Then start writing the statements as follows:

Number of students = 315

Number of buses = 15

Students on each bus = $315 \div 15$

= 21

$$\begin{array}{r} 21 \rightarrow Q \\ 15 \overline{) 315} \\ \underline{- 30} \\ 15 \\ \underline{- 15} \\ 0 \rightarrow R \end{array}$$

MATHS

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

**Exercise-6 B Q. No B - 7, 9 and 10
bk. pg. 88
in notebook.**



DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Q7) 770 students of a school went for picnic by buses. If a bus carries 55 students, how many buses were used ?

ANS: Number of students = 770

Students in a bus = 55

∴ Number of buses used =

$$770 \div 55 = 14 \text{ buses}$$

$$\begin{array}{r} \overline{) 770} \rightarrow Q \\ \underline{55} \\ 220 \\ \underline{220} \\ 0 \rightarrow R \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Q9) For a drill display, 2589 students were arranged in rows of 35. How many such rows were formed and how many students were left out?

ANS: Number of students = 2589

Number of rows = 35

$$\begin{array}{r} 73 \rightarrow Q \\ \hline 35 \overline{) 2589} \\ \underline{- 245} \\ 139 \\ \underline{- 105} \\ 34 \rightarrow R \end{array}$$

∴ Number of rows formed = $2589 \div 35 = 73$

and number of students left = 34

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)

Q10) How many groups of 55 students can be formed from 8910 students of a school? Are there any students left out?

ANS: Number of students = 8910

Students in a groups = 55

∴ Number of groups =

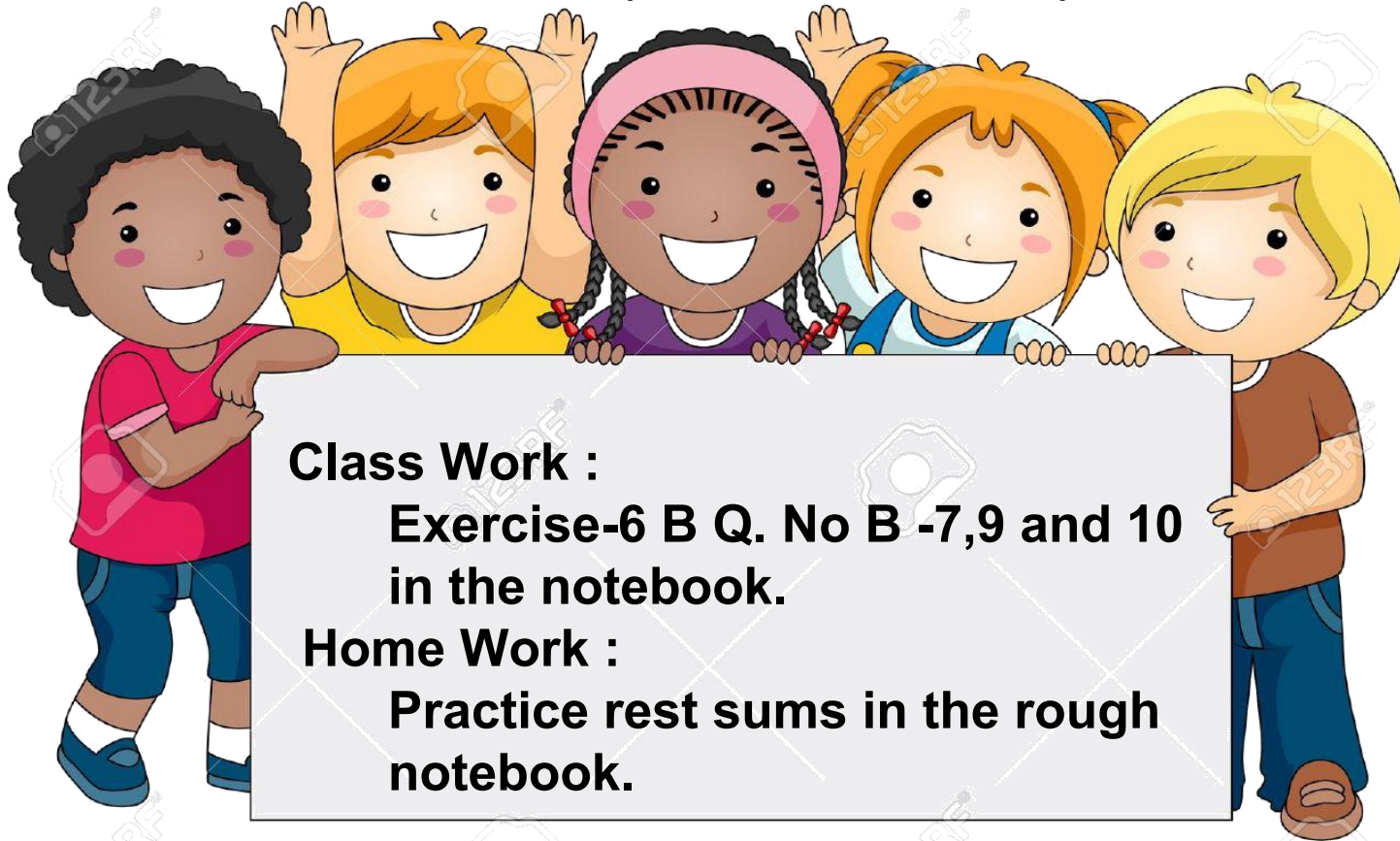
$8910 \div 55 = 162$ groups

No students were left out.

$$\begin{array}{r} 162 \rightarrow Q \\ 55 \overline{) 8910} \\ \underline{55} \\ 341 \\ \underline{330} \\ 110 \\ \underline{110} \\ 0 \rightarrow R \end{array}$$

DIVISION

DIVISION BY A 2-DIGIT NUMBER (WORD PROBLEMS)



Class Work :

**Exercise-6 B Q. No B -7,9 and 10
in the notebook.**

Home Work :

**Practice rest sums in the rough
notebook.**

LEARNING OUTCOME:

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

A group of approximately 20 diverse cartoon children of various ethnicities and ages are arranged in a circle, holding a large white oval sign. The children are smiling and waving. The sign contains the text "THANKING YOU ODM EDUCATIONAL GROUP".

THANKING YOU
ODM EDUCATIONAL
GROUP