

SESSION : 20
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 7
CHAPTER NAME : DIVISION
**SUBTOPIC : WORD PROBLEMS ON DIVISION,
EX-7 D Q.NO. 7 TO 10**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

- Enable the students to understand how to use the process of division for solving the word problems.

WORD PROBLEMS

EXERCISE – 7(D)

7. Arushi paid Rs.25,245 for the purchase of watches at a cost of Rs.935 per watch. How many watches did she purchase?

Solution

Total cost of all watches = Rs.**25,245**

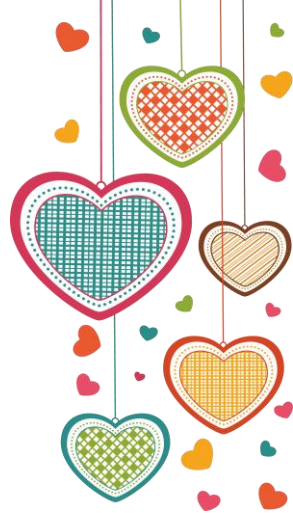
Cost of one watch = Rs.**935**

Number of watches she purchased = $25,245 \div 935 =$

∴ She purchased **27** watches.

$$\begin{array}{r} 935 \overline{) 25245} \\ \underline{- 1870} \\ 6545 \\ \underline{- 6545} \\ 000 \end{array}$$

The quotient is 27.



WORD PROBLEMS

EXERCISE – 7(D)

8. In a library there are 80,770 books. The books are kept in almirahs. Each almirah has a capacity to hold 985 books. How many almirahs are needed to keep all the books?

Solution

Number of books are in the library = **80,770**

Number of books kept in each almirah = **985**

Total number of almirahs needed = **80,770 ÷ 985 =**

∴ **82** almirahs are needed to keep all the books.

$$\begin{array}{r} \\ 985 \overline{) 80770} \\ \underline{- 7880} \\ 1970 \\ \underline{- 1970} \\ 000 \end{array}$$

8 2
↓



WORD PROBLEMS

EXERCISE – 7(D)

9. A company manufactures 99,831 scooters in 311 days. How many scooters are manufactured in one day?

Solution Number of scooters manufacture in 311 days = **99,831**

Number of scooters manufacture in one day =
 $99,831 \div 311 =$

- ∴ The company can manufacture **321** scooters in one day.

	3	2	1	
311	9	9	8	3
-	9	3	3	↓
	0	6	5	3
-	0	6	2	2
	0	3	1	1
	0	3	1	1
	0	0	0	0



WORD PROBLEMS

EXERCISE – 7(D)

10. In a stadium 83,974 people can be seated. If 242 people can sit in a row of chairs, find out the total number of rows in the stadium.

Solution

Number of people can be seated in the stadium = **83,974**

Number of people can be seated in a row = **242**

Total rows in the stadium = **83,974** ÷ **242** =

∴ There are **347** rows in the stadium.



$$\begin{array}{r} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array}$$



HOME ASSIGNMENT:

- **PRACTICE CH-1 AND CH-2.**

LEARNING OUTCOME:

Students are able to understand how to use the [rocess of division for solving the word problems.

THANKING YOU
ODM EDUCATIONAL GROUP