

Class: III

Subject: Mathematics

Topic: Division

Date: 12.08.2024

Good Morning students

This lesson is for the Ch - Division from your book, 'Be a Maths Star' and is being to you on 12.08.2024.

Ch - Division

Terms in Division

In a division sum or in a division fact, the number to be divided is called the dividend. The number by which we divide is called the divisor. The number we get as the answer is called the quotient.

$$16 \div 8 = 2 \text{ a division fact}$$

Dividend Divisor Quotient

Division Properties

- A number cannot be divided by 0.
- When a number is divided by 1, the quotient is the number itself.

$$10 \div 1 = 10$$

- When a number is divided by itself, the quotient is 1.

$$17 \div 17 = 1$$

- 0 divided by any number gives the quotient 0.

$$0 \div 8 = 0.$$

Extra sums

Divide using multiplication tables.

a. $56 \div 8 =$ _____

b. $81 \div 9 =$ _____

c. $32 \div 4 =$ _____

d. $27 \div 3 =$ _____

e. $40 \div 5 =$ _____

f. $16 \div 2 =$ _____

g. $48 \div 6 =$ _____

h. $14 \div 7 =$ _____

i. $56 \div 7 =$ _____

Ex 5.7 (pg-89)

3. For a party, 72 chairs are arranged equally in 9 rows. How many chairs are there in each row?

Sol

Total chairs = 72

No. of rows = 9

Chairs in each row = $72 \div 9$

$$\begin{array}{r} 08 \\ 9 \overline{) 72} \\ \underline{- 72} \\ 00 \end{array}$$

Ans 8 chairs

4. Abhishek has ₹ 100. He divides it equally among 10 friends. How many rupees does each friend get?

Sol

Abhishek has money = ₹ 100

No. of friends = 10

Money each friend gets = $₹ 100 \div 10$

$$\begin{array}{r} 10 \\ 10 \overline{) 100} \\ \underline{- 100} \\ 000 \\ \underline{- 0} \\ 0 \end{array}$$

5. 36 students are to have lunch in the school canteen. 4 students can be seated at one table. How many tables will be needed to seat all the students?

sol.

Total number of students = 36

Students seated on one table = 4

No. of tables needed = $36 \div 4$

$$\begin{array}{r} 9 \\ 4 \overline{) 36} \\ \underline{- 36} \\ 00 \end{array}$$

Ans 9 tables

Home assignment

- i) Complete the above work in the notebook
- ii) Complete Ex. 5.1, 5.2, 5.3, 5.4, 5.5 and 5.6