FA · 1

MATHS

PROJECT

WORK

Priminary information:

Class: VII

Subject: Mathematics

Name of the lesson: Fractions, Decimals, Rational Numbers

Numbers of project: One

Detailed information of the project:

Title of the project:
Basic Operation on Fractions.

Objective of the project:
Understanding about Fractions.
Understanding about Additions and Multiplication.

Meterials used:
Paper, pencils, Colours, Scale, sketchs, Pens, ect...

Tools:
Collecting information about Fractions.
Identifying different types of Fractions.

Procedure:

Introduction:
I want to show additions, sbtraction, Multiplication, Divisons of Fractions using figures.

Process:

Fractions:
When an object is divided to equal. then it is called Fractions.

There are different ways of writing a fraction. For each example two fifths $\frac{2}{5}$ of an objects can be written as:

A common fraction $= \frac{2}{5}$

A Decimal $= 0.4$
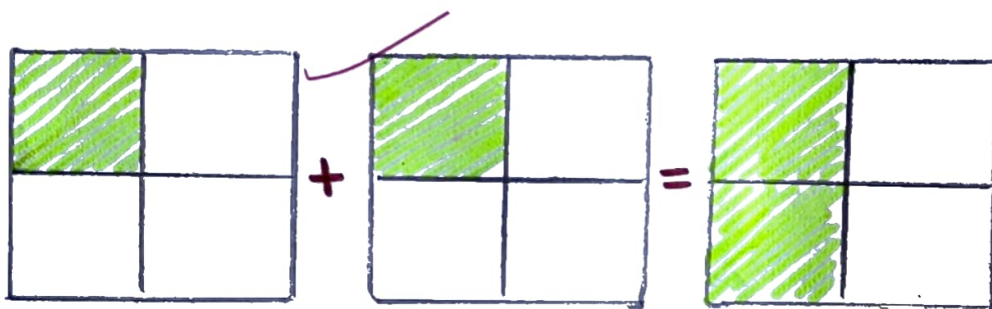
A percentage $= 40\%$.

In a fraction $\frac{2}{5}$, 2 is called Numerator Says how Many parts in the fraction "—" vinculum $=$ Divided by 5 is called Denominator says how Many equal parts in hole Subject.

Note:

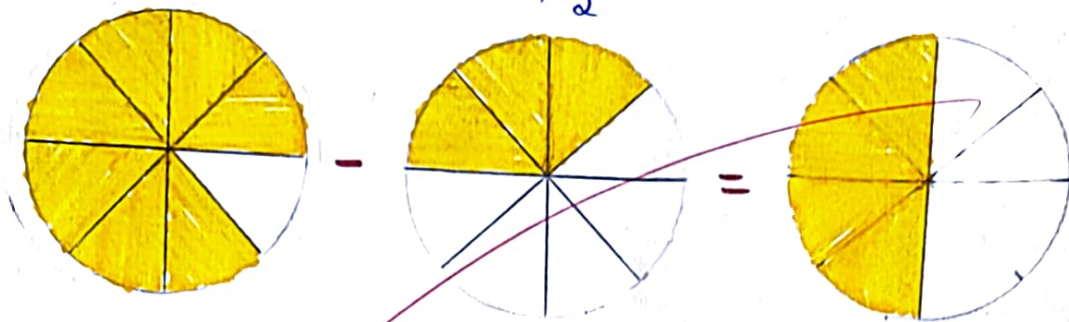Denominator can never be 'o' because, you can not divide by 'o'.

Addition of two fractions:

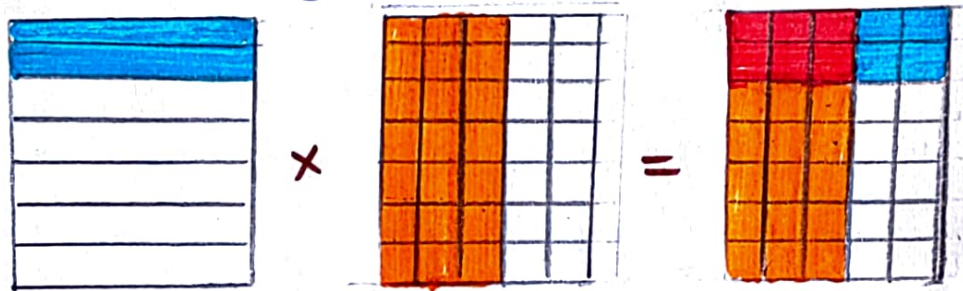$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$$

Subtraction of Fractions:

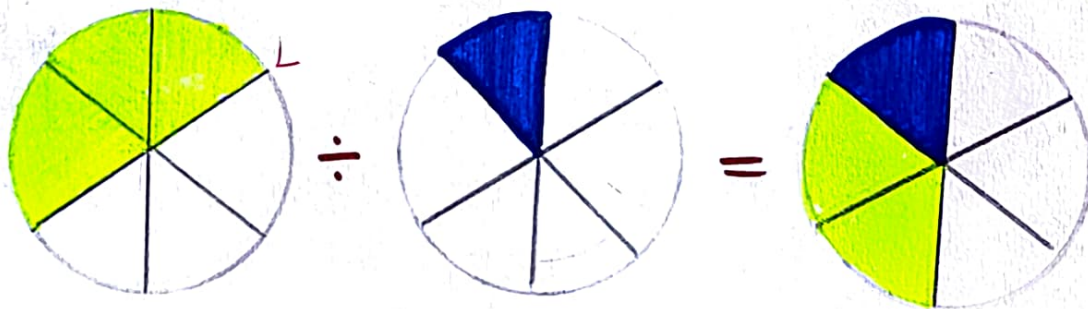$$\frac{7}{8} - \frac{3}{8} = \frac{7-3}{8} = \frac{4}{8} = \frac{1}{2}$$

Multiplication of Fractions:

$$\frac{2}{7} \times \frac{3}{5} = \frac{6}{35}$$

Divisions of Fractions:

$$\frac{1}{2} \div \frac{1}{6} = 3$$

Analysis:

By using the procedure We can add, subtract, Multiply and divide fractions.

Conclusion:

$$\frac{1}{6} + \frac{2}{3} = \frac{5}{6}, \quad \frac{7}{8} - \frac{3}{8} = \frac{1}{2}, \quad \frac{2}{7} \times \frac{3}{5} = \frac{6}{35}$$

$$\frac{1}{2} \div \frac{1}{6} = 3.$$

Experience of the student:

We enjoy While preparing the pictures We thrilled When we got the result.

Doubts and Questions:

Is the above procedure is applicable to mixed Fractions?

Acknowledgement:

Convey my sincere thanks to who Co-operate and Putting their earnest efforts in completing the Project.

Referencebooks:

(i) class VI Mathematics Test book

(ii) Class VII Mathematics Testboot

Signature of the student :-

Submitted by   Submitted to