Subject: MATHS   **15.07.2020**

Class 5

Lesson: 7 E   Division of Fractions

Dear students

In previous class you understood multiplication of Fractions. Today you will learn Division of Fractions. For solving Fractions you have to change one Fractions means its numerator and denominator. Ex-

Divide $5 \div 1/5 = 5 \times 5/1 = 25$

You will see more examples to understand. So, pls see and understand the examples and solve the given assignments.

Division of FRACTION

Properties of Division of FRACTION=

$\Rightarrow \quad \dfrac{2}{5} \div 1 = \dfrac{2}{5}$

$\Rightarrow \quad 0 \div \dfrac{3}{4} = 0$

Means, → When a fraction is divided by 1, the quotient is the fraction itself

→ When 0 is divided by a non-zero fraction, the quotient is always zero(0).

Some more Example

Ex- $\dfrac{2}{9} \div 4$

$= \dfrac{2}{9} \times \dfrac{1}{4_2}$

$= \dfrac{1}{18}$ Ay

Ex- $\dfrac{6}{7} \times 12$

$= \dfrac{6}{7} \times \dfrac{1}{12} 2$

$= 1 \dfrac{1}{4}$

Ex. ③ $\dfrac{1}{3} \times \dfrac{1}{6}$

$= \dfrac{1}{3} \times \dfrac{6}{1}^2 = 2$ Ay

Ex. Solve $\dfrac{\frac{6}{21}}{\frac{2}{28}}$

$= \dfrac{6}{21} \div \dfrac{2}{28} = \dfrac{\overset{2}{\cancel{6}}}{\underset{3}{\cancel{21}}} \times \dfrac{\overset{4}{\cancel{28}} \,\, 2}{\cancel{2}}$

$= 4$ As

Home Assignments

Ex-7. (E)

1. Divide the following :—

(a) $\dfrac{1}{3} \div 5$ (b) $\dfrac{9}{13} \div 3$ (C) $\dfrac{3}{5} \div 9$

(d) $\dfrac{8}{11} \div 8$ (e) $\dfrac{8}{9} \div 16$ (f) $\dfrac{7}{11} \div 1$

(g) $48 \div \dfrac{3}{4}$ (h) $5\dfrac{3}{5} \div 7$ (i) $3\dfrac{9}{25} \div 6$

(j) $60 \div \dfrac{2}{5}$ (k) $84 \div \dfrac{7}{8}$ (l) $99 \div \dfrac{9}{10}$

(m) $0 \div \dfrac{1}{8}$ (n) $1 \div \dfrac{8}{11}$ (o) $36 \div \dfrac{2}{5}$ (P) $100 \div 12\dfrac{2}{9}$

2. Divide :—

1) $\frac{14}{9}$ by 7   (b) $\frac{15}{27}$ by 5   (c) $\frac{49}{6}$ by 7

   $\frac{18}{25}$ by $\frac{3}{50}$ (E) $\frac{5}{7}$ by 10   (F) 24 by $\frac{8}{3}$

3. Evaluate :—

   $3\frac{3}{5}$ by $2\frac{2}{5}$ (b) $6\frac{7}{8} + \frac{11}{16}$

   $6\frac{2}{5} \div 8$ (d)   (E) $\frac{95}{6} \div 20$

   Subject Tr: $\frac{Rohitkr}{15|7|20}$