VIDYA BHAWAN BALIKA VIDYA PITH CLASS- 5 DATE – 26.06.21 SUB -MATHS S. T - PRAGYA BASED ON N.C.E.R.T PATTERN CH- 7 (FRACTIONS) DIVISION OF FRACTIONS EXAMPLE : DIVIDE : 2/9 BY 4 B. 15 BY 3/ 5 SOLUTION :

So, $\frac{2}{9} \div \frac{2}{9} = 1;$ $\frac{8}{11} \div \frac{8}{11} = 1$ So, $\frac{2}{9} \div \frac{2}{9} = 1;$ $\frac{8}{11} \div \frac{8}{11} = 1$ Cumples I Divide : (a) $\frac{2}{9}$ by 4 (b) 15 by $\frac{3}{5}$ (c) $\frac{3}{4}$ by $\frac{1}{2}$ (d) $1\frac{5}{7}$ by Solution : (a) $\frac{2}{9} \div 4 = \frac{2^{1}}{9} \times \frac{1}{4^{2}} = \frac{1 \times 1}{9 \times 2} = \frac{1}{18}$ (b) $15 \div \frac{3}{5} = 15^{5} \times \frac{5}{5^{1}} = 5 \times 5 = 2$

See example and solve these questions.

2. Divide:
(a)
$$\frac{14}{9}$$
 by 7 (b) $\frac{15}{27}$ by 5 (c) $\frac{49}{6}$ by 7 (d) $\frac{48}{39}$ by 8
(e) $\frac{18}{25}$ by $\frac{3}{50}$ (f) $\frac{5}{7}$ by 10 (g) 24 by $\frac{8}{3}$
3. Evaluate:
(a) $3\frac{3}{5}$ by $2\frac{2}{5}$ (b) $6\frac{7}{8} \div \frac{11}{16}$ (c) $40 \div 6\frac{2}{9}$
(d) $6\frac{2}{5} \div 8$ (e) $\frac{95}{6} \div 20$
