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CLASS- 5

DATE – 23.06 .21

SUB -MATHS

S. T - PRAGYA

BASED ON N.C.E.R.T PATTERN

CH – MULTIPLICATION


Multiply the following : (Example)

Product of their denominators

Example-2 Multiply : (a) $5\frac{3}{7} \times 2\frac{2}{5} \times 8\frac{3}{4}$ (b) $5 \times 2\frac{2}{3} \times 2\frac{1}{7} \times 2\frac{1}{4}$

Solution : (a) $5\frac{3}{7} \times 2\frac{2}{5} \times 8\frac{3}{4} = \frac{38}{7^1} \times \frac{12^3}{5^1} \times \frac{35^{7^1}}{4^1} = \frac{38 \times 3 \times 1}{1 \times 1 \times 1} = 114$

(b) $5 \times 2\frac{2}{3} \times 2\frac{1}{7} \times 2\frac{1}{4} = 5 \times \frac{8^2}{3^1} \times \frac{15}{7} \times \frac{9^3}{4^1} = \frac{5 \times 2 \times 15 \times 3}{1 \times 7 \times 1} = \frac{450}{7} = 64\frac{2}{7}$



See example carefully and solve these questions

According to example.

$$(13) \frac{7}{9} \times \frac{6}{35}$$

$$(14) \frac{10}{11} \times \frac{1}{5}$$

$$(15) \frac{5}{7} \times \frac{11}{15}$$

$$(17) \frac{7}{22} \times \frac{33}{35}$$

$$(18) 6\frac{3}{7} \times 1\frac{2}{5}$$

$$(19) 15\frac{2}{15} \times 3\frac{2}{11}$$

$$(21) \frac{3}{8} \times \frac{4}{9} \times \frac{2}{5}$$

$$(22) \frac{3}{10} \times \frac{5}{6} \times \frac{9}{10}$$

$$(23) \frac{1}{9} \times \frac{3}{5} \times \frac{3}{4}$$

$$(25) \frac{6}{7} \times \frac{14}{25} \times \frac{5}{8}$$

$$(26) \frac{5}{6} \times \frac{12}{13} \times \frac{26}{35}$$

$$(27) \frac{7}{11} \times \frac{8}{9} \times \frac{27}{28}$$
