

## EXERCISE - 9 [c]

Multiply:

$$a) \frac{5}{28} \times 7$$

$$\text{Sol} = \frac{5 \times 7}{28 \times 1} = \frac{35}{28} = \frac{5}{4} = 1\frac{1}{4}$$

$$b) \frac{20}{21} \times \frac{7}{10} \times \frac{1}{2}$$

Sol -  $\frac{20 \times 7 \times 1}{21 \times 10 \times 2} = \frac{140}{420} = \frac{2}{6} = \frac{1}{3}$

c)  $\frac{4}{5} \times \frac{11}{16} \times \frac{5}{8}$

Sol -  $\frac{4 \times 11 \times 5}{5 \times 16 \times 8} = \frac{220}{640} = \frac{11}{32}$

d)  $\frac{17}{24} \times \frac{3}{34} \times \frac{6}{7}$

Sol -  $\frac{17 \times 3 \times 6}{24 \times 34 \times 7} = \frac{306}{816} = \frac{102}{272} = \frac{51}{136} = \frac{3}{8}$

### Homework

e)  $\frac{5}{9} \times \frac{5}{12} \times \frac{24}{25}$

Sol -  $\frac{5 \times 5 \times 24}{9 \times 12 \times 25} = \frac{600}{2700} = \frac{2}{9}$

f)  $\frac{4}{5} \times \frac{6}{7} \times 0$

Sol - 0

g

$$\frac{1}{4} \times 2 \frac{1}{2} \times \frac{4}{5} \times 3 \frac{1}{2} \times \frac{4}{5}$$

Sol =  ~~$2 \times 2 + 1 = 5$~~   
 ~~$3 \times 2 + 1 = 7$~~

$$\frac{1}{4} \times \frac{5}{2} \times \frac{4}{5} \times \frac{7}{2} \times \frac{4}{5}$$

$$\frac{1 \times 5 \times 4 \times 7 \times 4}{4 \times 2 \times 5 \times 2 \times 5} = \frac{560}{400} = \frac{28}{20} = \frac{7}{5}$$

$$= \frac{7}{5}$$