

CW
7.9.21

Exercise - 9(c)

1) Multiply

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

Ans: $\frac{5 \times \cancel{7}^1}{\underset{4}{\cancel{28}}^7} = \frac{5}{4} = 1\frac{1}{4}$

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

Ans: $\frac{\cancel{20}^2 \times \cancel{7}^1 \times 1}{\underset{3}{\cancel{21}}^3 \times \underset{1}{\cancel{10}}^2 \times \cancel{2}^1} = \frac{1}{3}$

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

Ans: $\frac{\cancel{4}^1 \times 11 \times \cancel{5}^1}{\underset{1}{\cancel{5}}^5 \times \underset{4}{\cancel{16}}^4 \times 8} = \frac{11}{32}$

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

Ans: $\frac{\cancel{17}^1 \times \cancel{3}^1 \times \cancel{6}^2}{\underset{8}{\cancel{24}}^3 \times \underset{1}{\cancel{34}}^2 \times 7} = \frac{3}{56}$

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

Ans: $\frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{5}} \times \cancel{24}^2}{9 \times \cancel{12}_1 \times \cancel{25}_5} = \frac{2}{9}$

f. $\frac{4}{5} \times 1 \frac{6}{7} \times 0$

Ans: $\frac{4}{5} \times 1 \frac{6}{7} \times 0 = 0$

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

Ans: $\frac{1 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{4}} \times 7 \times \overset{1}{\cancel{4}}}{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{2}} \times 5 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{5}}} = \frac{7}{5} = 1 \frac{2}{5}$