

3rd August to 8th August Weekly Task Math
Exercise 3.5

$$Q6: \frac{1}{12} \times \left(\frac{4}{3} \times \frac{8}{5} \right)$$

$$\text{Sol: } \frac{1}{12} \times \left(\frac{4 \times 8}{3 \times 5} \right)$$

$$= \frac{1}{12} \times \frac{32}{15}$$

$$= \frac{\cancel{12}^6}{3} \times \frac{8}{15}$$

$$= \frac{8}{45}$$

$$Q7: \left(1 \frac{2}{3} \times 3 \frac{2}{3} \right) \times 2 \frac{3}{4}$$

$$= \left(\frac{5}{3} \times \frac{11}{3} \right) \times \frac{11}{4}$$

$$= \frac{55}{9} \times \frac{11}{4}$$

$$= \frac{605}{36}$$

$$Q8: \left(2 \frac{2}{3} \times 3 \frac{4}{5} \right) \times 2 \frac{3}{4}$$

$$= \frac{605}{36}$$

$$Q8: \left(2 \frac{2}{9} \times 3 \frac{4}{5} \right) \times 2 \frac{3}{4}$$

$$= \left(\frac{20^4}{9} \times \frac{19}{5} \right) \times \frac{11}{4}$$

$$= \frac{\overset{19}{\cancel{76}} \times 11}{9 \times \cancel{4}}$$

$$= \frac{19 \times 11}{9 \times 1}$$

$$= \frac{209}{9}$$

$$Q9 \quad \frac{6}{5} \times \left(1 \frac{3}{4} \times \frac{2}{5} \right)$$

Sol:-

$$= \frac{6}{5} \times \left(\frac{7}{4} \times \frac{2}{5} \right)$$

$$= \frac{6}{5} \times \left(\frac{7 \times 1}{2 \times 5} \right)$$

$$= \frac{\overset{3}{\cancel{6}}}{5} \times \frac{7}{\cancel{2} \times 5}$$

$$= \frac{21}{25}$$