

Thu  
9.9.2024

## Ex 1(D)

1 Divide

$$e) \frac{22}{25} \div \frac{11}{15}$$

$$\text{Ans } \frac{\overset{2}{\cancel{22}} \times \overset{3}{\cancel{15}}}{\cancel{25} \times \cancel{11}} = \frac{6}{5} = 1\frac{1}{5}$$

$$f) \frac{26}{27} \div \frac{13}{15}$$

$$\text{Ans } \frac{\overset{2}{\cancel{26}} \times \overset{5}{\cancel{15}}}{\cancel{27} \times \cancel{13}} = \frac{10}{81} = 1\frac{19}{81}$$

$$g) 45 \div \frac{3}{8}$$

$$\text{Ans } \frac{\overset{15}{\cancel{45}} \times 8}{1 \times \cancel{3}} = 120$$

$$h) 92 \div \frac{26}{27}$$

$$\text{Ans } \frac{\overset{7}{\cancel{92}} \times 27}{1 \times \cancel{26}} = \frac{189}{2} = 94\frac{1}{2}$$

$$12 \frac{4}{15} \div 2 \frac{7}{27}$$

$$\text{Ans } \frac{184}{15} \times \frac{27}{35} = \frac{4968}{525} = 9 \frac{6}{275}$$

$$4 \frac{2}{3} \div 1 \frac{1}{2} \div 1 \frac{2}{3}$$

$$\text{Ans } \frac{14}{3} \times \frac{2}{3} \times \frac{3}{5} = \frac{28}{15} = 1 \frac{13}{15}$$

2 Find the quotient in its simplest form:

e)  $\frac{8}{6} \div \frac{7}{7}$

$$\frac{8}{6} \times \frac{7}{7} = \frac{56}{42} = \frac{4}{21}$$

f)  $\frac{2}{19} \div \frac{1}{4}$

$$\text{Ans } \frac{2}{19} \times \frac{4}{1} = \frac{8}{19}$$

$$g) \frac{\frac{7}{9}}{28}$$

$$\text{Ans } \frac{7}{9} \times \frac{1}{28} = \frac{1}{36}$$

$$h) \frac{\frac{5}{3}}{10}$$

$$\text{Ans } \frac{5}{3} \times \frac{1}{10} = \frac{1}{6}$$

$$i) \frac{20}{\frac{7}{15}}$$

$$\text{Ans } \frac{20}{1} \times \frac{15}{7} = \frac{300}{7} = 42 \frac{6}{7}$$

$$j) \frac{3 \frac{3}{4}}{1 \frac{1}{2}}$$

$$\text{Ans } \frac{3 \frac{3}{4}}{2} \times \frac{2}{3} = \frac{5}{2} = 2 \frac{1}{2}$$