

- 2(i) reciprocal of  $\frac{3}{7}$  is  $\frac{7}{3}$  (Improper fraction)
- (ii) reciprocal of  $\frac{5}{8}$  is  $\frac{8}{5}$  (Improper fraction)
- (iii)  $\frac{9}{7}$   $\frac{7}{9}$  (Proper fraction)
- (iv)  $\frac{6}{5}$   $\frac{5}{6}$  (Proper fraction)
- (v)  $\frac{12}{7}$  is  $\frac{7}{12}$  (Proper fraction)
- (vi)  $\frac{1}{8}$  is 8 (whole number)
- (vii)  $\frac{1}{11}$  is 11 (whole number)

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$$\begin{aligned} 3(i) \quad \frac{7}{3} \div 2 \\ &= \frac{7}{3} \times \frac{1}{2} \\ &= \frac{7}{6} \end{aligned}$$

$$\begin{aligned} 3(ii) \quad \frac{4}{9} \div 5 \\ &= \frac{4}{9} \times \frac{1}{5} \\ &= \frac{4}{45} \end{aligned}$$