

## CHECK YOUR UNDERSTANDING QUESTIONS

### Dividing Fractions

Find the reciprocal of these fractions.

1.  $\frac{4}{7}$   $\frac{7}{4}$

2.  $\frac{3}{5}$   $\frac{5}{3}$

3.  $\frac{5}{6}$   $\frac{6}{5}$

Solve. Remember to 'kiss and flip'.

1.  $\frac{4}{7} \div \frac{2}{7} = \frac{4}{\cancel{7}} \times \frac{\cancel{7}}{2} = \frac{2}{1}, 2$

2.  $\frac{7}{8} \div \frac{1}{4} = \frac{7}{\cancel{8}} \times \frac{\cancel{4}}{1} = \frac{7}{2}, 3\frac{1}{2}$

3.  $\frac{4}{5} \div \frac{1}{10} = \frac{4}{\cancel{5}} \times \frac{\cancel{10}^2}{1} = \frac{8}{1}, 8$

4.  $\frac{6}{7} \div \frac{1}{3} = \frac{6}{7} \times \frac{3}{1} = \frac{18}{7}, 2\frac{4}{7}$

5.  $\frac{5}{2} \div \frac{3}{8} = \frac{\cancel{5}}{\cancel{2}} \times \frac{\cancel{8}^4}{3} = \frac{20}{3}, 6\frac{2}{3}$

6.  $\frac{3}{4} \div \frac{9}{2} = \frac{\cancel{3}}{\cancel{4}} \times \frac{\cancel{2}}{\cancel{9}^3} = \frac{1}{6}$

7.  $\frac{7}{3} \div \frac{4}{5} = \frac{7}{3} \times \frac{5}{4} = \frac{35}{12}, 2\frac{11}{12}$