## Dividing Fractions and Mixed Numbers

## Section 1: Vocabulary

Reciprocals - Two numbers are reciprocals if their product $=1$.
To get the reciprocal of a fraction, just flip it over.
The reciprocal of $\frac{3}{4}$ is............ $\frac{4}{3} \quad \frac{3}{4} \times \frac{4}{3}=\frac{12}{12}=1$

What is the reciprocal of $\frac{5}{8}$ ?


## Section 2: Strategy for Dividing Fractions and Mixed Numbers

To divide by a fraction, you multiply by its reciprocal! Strategy: Keep, Change, Flip (KCF)

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


$$
\frac{3}{2} \div \frac{13}{4}
$$

3
$\overline{2}$
$\frac{3}{2} \times \frac{4}{13}$


