

Fraction Borrowing & Carrying

Addition with carrying

$$\begin{array}{r}
 3\frac{1}{2} \cdot \frac{4}{4} \frac{4}{8} \\
 + 6\frac{7}{8} \frac{7}{8} \\
 \hline
 9 \frac{11}{8} = 10\frac{3}{8}
 \end{array}$$

Subtraction with Borrowing

$$\begin{array}{r}
 5\cancel{6}^{\cancel{11}} \frac{8}{9} \\
 - 2\frac{7}{9} \\
 \hline
 3\frac{1}{9}
 \end{array}$$

$$\begin{array}{r}
 11\cancel{12}^{\cancel{38}} \frac{4}{15} \cdot \frac{2}{2} \frac{8}{30} \\
 - 6\frac{1}{2} \cdot \frac{15}{15} \frac{15}{30} \\
 \hline
 5\frac{23}{30}
 \end{array}$$

$$\begin{array}{r}
 12\cancel{13} \frac{12}{12} \\
 - 4\frac{7}{12} \\
 \hline
 8\frac{5}{12}
 \end{array}$$