

Adding Mixed Numbers

$$\begin{aligned}
 & \mathbf{1} \quad 4 + 3\frac{1}{5} \\
 & = 4 + 3 + \frac{1}{5} = \mathbf{\left(7\frac{1}{5}\right)}
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{2} \quad 1\frac{3}{8} + 11 \\
 & = 1 + 11 + \frac{3}{8} = \mathbf{\left(12\frac{3}{8}\right)}
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{3} \quad 1\frac{1}{5} + \frac{3}{5} \\
 & = 1 + \frac{1}{5} + \frac{3}{5} = \mathbf{\left(1\frac{4}{5}\right)}
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{4} \quad \frac{1}{4} + 4\frac{3}{4} \\
 & = 4 + \frac{1}{4} + \frac{3}{4} = 4 + \frac{4}{4} \\
 & = 4 + 1 = \mathbf{\left(5\right)}
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{5} \quad 6\frac{1}{8} + 3\frac{3}{8} \\
 & = 6 + 3 + \frac{1}{8} + \frac{3}{8} \\
 & = 9 + \frac{4}{8} = \mathbf{\left(9\frac{1}{2}\right)}
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{6} \quad 4\frac{5}{8} + 1\frac{4}{8} \\
 & = 4 + 1 + \frac{5}{8} + \frac{4}{8} \\
 & = 5 + \frac{9}{8} = 5 + \frac{8}{8} + \frac{1}{8} \\
 & = 5 + 1 + \frac{1}{8} = \mathbf{\left(6\frac{1}{8}\right)}
 \end{aligned}$$

$$\begin{aligned}
 & \mathbf{7} \quad 2\frac{1}{3} + 3\frac{5}{6} \\
 & = 2 + 3 + \frac{1}{3} + \frac{5}{6} \\
 & = 5 + \left(\frac{2}{2}\right)\frac{1}{3} + \frac{5}{6} \\
 & = 5 + \frac{2}{6} + \frac{5}{6} \\
 & = 5 + \frac{7}{6} \\
 & = 5 + \frac{6}{6} + \frac{1}{6} = \mathbf{\left(6\frac{1}{6}\right)}
 \end{aligned}$$

$$\begin{array}{r}
 4\frac{2}{3}\left(\frac{5}{5}\right) \quad 4\frac{10}{15} \\
 + 5\frac{2}{5}\left(\frac{3}{3}\right) \quad + 5\frac{6}{15} \\
 \hline
 \qquad \qquad \qquad 9\frac{16}{15} \\
 \qquad \qquad \qquad \swarrow \\
 = 9 + \frac{15}{15} + \frac{1}{15} \\
 = 9 + 1 + \frac{1}{15} \\
 = \mathbf{\left(10\frac{1}{15}\right)}
 \end{array}$$