Name_____ Date_____ Period_____

Adding Fractions and Renaming

The sum of each problem below will be greater than one-whole. You will know this because the fraction will be improper. You must rename the improper fractions into a mixed number. You also must simplify to lowest terms when possible.

Example

$\frac{6}{7} \xrightarrow{x3} \frac{18}{21}$

$+ \frac{8}{21} \quad \frac{8}{21}$

$\frac{26}{21} = 1\frac{5}{21}$

① $\frac{7}{8} + \frac{5}{6} = 1\frac{17}{24}$

② $\frac{2}{3} + \frac{14}{24} = 1\frac{1}{4}$

③ $\frac{7}{8} + \frac{5}{16} = 1\frac{3}{16}$

④ $\frac{11}{12} + \frac{8}{9} = 1\frac{29}{36}$

⑤ $\frac{9}{20} + \frac{6}{8} = 1\frac{1}{5}$

⑥ $\frac{3}{5} + \frac{11}{15} = 1\frac{1}{3}$

⑦ $\frac{5}{8} + \frac{15}{16} = 1\frac{9}{16}$

⑧ $\frac{1}{4} + \frac{5}{6} = 1\frac{1}{12}$

⑨ $\frac{8}{9} + \frac{2}{6} = 1\frac{2}{9}$

⑩ $\frac{2}{3} + \frac{7}{9} = 1\frac{2}{3}$

⑪ $\frac{5}{7} + \frac{2}{3} = 1\frac{8}{21}$

⑫ $\frac{3}{8} + \frac{5}{6} = 1\frac{5}{24}$

⑬ $\frac{3}{4} + \frac{5}{9} = 1\frac{11}{36}$

⑭ $\frac{1}{2} + \frac{4}{5} = 1\frac{3}{10}$

⑮ $\frac{3}{5} + \frac{5}{8} = 1\frac{9}{40}$

⑯