

# COUNTDOWN Challenge

## Adding & Subtracting Fractions

- Using a new denominator •

Find the least common denominator to add and subtract the following fractions.

$$\begin{array}{r} \frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12} = \frac{7}{14} = \frac{8}{16} = \frac{9}{18} = \frac{10}{20} \\ + \frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12} = \frac{5}{15} = \frac{6}{18} = \frac{7}{21} = \frac{8}{24} = \frac{9}{27} = \frac{10}{30} \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow \frac{3}{6} = \frac{6}{12} = \frac{9}{18} \\ \longrightarrow + \frac{2}{6} = \frac{4}{12} = \frac{6}{18} \\ \longrightarrow \frac{5}{6} = \frac{10}{12} = \frac{15}{18} \end{array}$$

$$\begin{array}{r} \frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} \\ + \frac{1}{5} = \frac{2}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12} = \frac{7}{14} \\ + \frac{1}{7} = \frac{2}{14} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12} \\ - \frac{1}{4} = \frac{2}{8} = \frac{3}{12} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{3} \\ - \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{3} \\ - \frac{2}{7} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{4} = \frac{6}{8} \\ + \frac{3}{5} = \frac{6}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{4} \\ + \frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{4} \\ + \frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{9} \\ \hline \end{array}$$