

# Adding Fractions (Changing Both Denominators)

## Answers

$$\begin{array}{l} \text{a)} \quad \frac{1}{3} + \frac{1}{2} \\ \quad \downarrow \quad \downarrow \\ \frac{2}{6} + \frac{3}{6} = \frac{5}{6} \end{array}$$

$$\begin{array}{l} \text{d)} \quad \frac{1}{2} + \frac{2}{7} \\ \quad \downarrow \quad \downarrow \\ \frac{7}{14} + \frac{4}{14} = \frac{11}{14} \end{array}$$

$$\begin{array}{l} \text{b)} \quad \frac{1}{4} + \frac{2}{6} \\ \quad \downarrow \quad \downarrow \\ \frac{3}{12} + \frac{4}{12} = \frac{7}{12} \end{array}$$

$$\begin{array}{l} \text{e)} \quad \frac{1}{3} + \frac{3}{5} \\ \quad \downarrow \quad \downarrow \\ \frac{5}{15} + \frac{9}{15} = \frac{14}{15} \end{array}$$

$$\begin{array}{l} \text{c)} \quad \frac{3}{4} + \frac{1}{5} \\ \quad \downarrow \quad \downarrow \\ \frac{15}{20} + \frac{4}{20} = \frac{19}{20} \end{array}$$

$$\begin{array}{l} \text{f)} \quad \frac{1}{4} + \frac{2}{3} \\ \quad \downarrow \quad \downarrow \\ \frac{3}{12} + \frac{8}{12} = \frac{11}{12} \end{array}$$

$$\begin{array}{r}
 \text{g)} \quad \frac{1}{4} \quad + \quad \frac{6}{10} \\
 \downarrow \qquad \downarrow \\
 \frac{5}{20} \quad + \quad \frac{12}{20} = \frac{17}{20}
 \end{array}$$

$$\begin{array}{r}
 \text{j)} \quad \frac{4}{7} \quad + \quad \frac{1}{6} \\
 \downarrow \qquad \downarrow \\
 \frac{24}{42} \quad + \quad \frac{7}{42} = \frac{31}{42}
 \end{array}$$

$$\begin{array}{r}
 \text{h)} \quad \frac{4}{9} \quad + \quad \frac{2}{8} \\
 \downarrow \qquad \downarrow \\
 \frac{32}{72} \quad + \quad \frac{18}{72} = \frac{50}{72}
 \end{array}$$

$$\begin{array}{r}
 \text{k)} \quad \frac{2}{9} \quad + \quad \frac{4}{6} \\
 \downarrow \qquad \downarrow \\
 \frac{4}{18} \quad + \quad \frac{12}{18} = \frac{16}{18}
 \end{array}$$

$$\begin{array}{r}
 \text{i)} \quad \frac{2}{6} \quad + \quad \frac{5}{8} \\
 \downarrow \qquad \downarrow \\
 \frac{8}{24} \quad + \quad \frac{15}{24} = \frac{23}{24}
 \end{array}$$

$$\begin{array}{r}
 \text{l)} \quad \frac{5}{12} \quad + \quad \frac{4}{11} \\
 \downarrow \qquad \downarrow \\
 \frac{55}{132} \quad + \quad \frac{48}{132} = \frac{103}{132}
 \end{array}$$