

## Subtracting Fractions (Changing Both Denominators)

### Answers

$$\begin{array}{r}
 \text{a) } \frac{1}{2} - \frac{1}{3} \\
 \downarrow \quad \downarrow \\
 \frac{3}{6} - \frac{2}{6} = \frac{1}{6}
 \end{array}$$

$$\begin{array}{r}
 \text{d) } \frac{3}{4} - \frac{2}{6} \\
 \downarrow \quad \downarrow \\
 \frac{9}{12} - \frac{4}{12} = \frac{5}{12}
 \end{array}$$

$$\begin{array}{r}
 \text{b) } \frac{4}{5} - \frac{1}{3} \\
 \downarrow \quad \downarrow \\
 \frac{12}{15} - \frac{5}{15} = \frac{7}{15}
 \end{array}$$

$$\begin{array}{r}
 \text{e) } \frac{2}{3} - \frac{2}{4} \\
 \downarrow \quad \downarrow \\
 \frac{8}{12} - \frac{6}{12} = \frac{2}{12}
 \end{array}$$

$$\begin{array}{r}
 \text{c) } \frac{5}{7} - \frac{1}{2} \\
 \downarrow \quad \downarrow \\
 \frac{10}{14} - \frac{7}{14} = \frac{3}{14}
 \end{array}$$

$$\begin{array}{r}
 \text{f) } \frac{2}{5} - \frac{1}{4} \\
 \downarrow \quad \downarrow \\
 \frac{8}{20} - \frac{5}{20} = \frac{3}{20}
 \end{array}$$

$$\begin{array}{r}
 \text{g)} \quad \frac{6}{7} - \frac{2}{9} \\
 \downarrow \quad \downarrow \\
 \frac{54}{63} - \frac{14}{63} = \frac{40}{63}
 \end{array}$$

$$\begin{array}{r}
 \text{j)} \quad \frac{7}{8} - \frac{3}{10} \\
 \downarrow \quad \downarrow \\
 \frac{35}{40} - \frac{12}{40} = \frac{23}{40}
 \end{array}$$

$$\begin{array}{r}
 \text{h)} \quad \frac{3}{8} - \frac{2}{7} \\
 \downarrow \quad \downarrow \\
 \frac{21}{56} - \frac{16}{56} = \frac{5}{56}
 \end{array}$$

$$\begin{array}{r}
 \text{k)} \quad \frac{4}{9} - \frac{4}{12} \\
 \downarrow \quad \downarrow \\
 \frac{16}{36} - \frac{12}{36} = \frac{4}{36}
 \end{array}$$

$$\begin{array}{r}
 \text{i)} \quad \frac{5}{6} - \frac{4}{9} \\
 \downarrow \quad \downarrow \\
 \frac{15}{18} - \frac{8}{18} = \frac{7}{18}
 \end{array}$$

$$\begin{array}{r}
 \text{l)} \quad \frac{3}{4} - \frac{5}{14} \\
 \downarrow \quad \downarrow \\
 \frac{21}{28} - \frac{10}{28} = \frac{11}{28}
 \end{array}$$